Ohio Labor Market Information Review

December 1989

Summary. Ohio's seasonally adjusted unemployment rate fell from 6.3 percent in November to 6.2 percent in December. The unemployment rate for the nation, at 5.3 percent, was unchanged from November. Total employment in Ohio rose 33,000 to 5,132,000. The number of unemployed Ohioans totaled 338,000 in December, down 7,000 over the month. Seasonally adjusted nonagricultural payroll employment in Ohio increased 13,000 from November to 4,843,000 in December mainly due to gains in nonmanufacturing industries. (See page 3.)

Factory Employment. Manufacturing employment in Ohio, at 1,101,000 in December, was up 2,000 from November. Substantial layoffs in the auto industry occurred after the survey week in December and, therefore, did not affect the employment count. Advances in transportation equipment and nonelectrical machinery overshadowed declines in primary metal industries, raising durable-goods employment 3,000 to 740,000. Nondurable-goods employment dropped 1,000 from November to 362,000 in December due to scattered losses in most component industries.

Nonmanufacturing. Nearly all nonmanufacturing divisions had gains in employment in December, boosting the nonmanufacturing total 11,000 from November to 3,742,000. Employment in services was up 5,000, while retail trade rose 2,000. Construction, transportation and public utilities, wholesale trade, finance, insurance, and real estate, and government each added 1,000 jobs. There was no change in employment in mining from November.

Over the Year. The unemployment rate in Ohio increased from 5.5 percent in December 1988 to 6.2 percent in December 1989. The national rate of 5.3 percent was unchanged from December 1988. Ohio's total employment was 72,000 higher than its year-ago value, while total unemployment was up 43,000. Nonfarm payroll employment rose 110,000 from December 1988. The lagest gains were in services (+50,000) and retail trade (+31,000). Construction and government also had notable advances. Manufacturing employment fell 10,000 over the year due to declines in durable-goods industries.

Factory Hours and Earnings. Production workers in manufacturing industries in Ohio earned an average of $525.30 per week in December, down $1.62 from November. Their average workweek of 42.5 hours was .2 hours shorter. Several large industries had lower earnings due to decreased overtime. The most significant were aircraft and parts, nonferrous rolling and drawing, motor vehicles and equipment, and fabricated structural metal products.

Benefits and Costs. Initial claims filed under the Ohio Unemployment Compensation Law totaled 102,739 in December, up 35.5 percent from November, and up 40.7 percent from

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Ellen O'Brien Saunders, Administrator

December 1988. Total benefits paid rose 23.9 percent to $55.5 million. The average weekly benefit check of $169.59 was $1.39 higher than in November. The average weekly number of benefit recipients, at 78,983, was up 33.8 percent. At the end of December there were 205,964 active employer accounts.

Employment Service. The Ohio Bureau of Employment Services aided 27,168 new job applicants in December, down 17.0 percent from November, and down 14.2 percent from December 1988. Job openings received from employers fell 37.0 percent from November to 5,094. The Employment Services Division made 14,170 job referrals and 2,851 placements.

Notice

Beginning with the January 1990 issue, Nonagricultural Wage and Salary Employment statistics published in the Ohio *Labor Market Review* will be affected by the following changes:

- The U.S. Office of Budget and Management has revised the Standard Industrial Classification Manual to better reflect industry composition in the economy.
- Methodologies have been changed to provide more estimates for service-producing industries but fewer for manufacturing.

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Seasonally Adjusted Civilian Labor Force and Nonagricultural Wage and Salary Employment Estimates for Ohio[a]

	Estimates (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	December 1989	November 1989	December 1988	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,470	5,444	5,355	26	115	0.5	2.1
Employment	5,132	5,099	5,060	33	72	0.6	1.4
Unemployment	338	345	295	-7	43	-2.0	14.6
Unemployment Rate	6.2	6.3	5.5				
Employer Survey Data[e]							
Total	4,843	4,830	4,733	13	110	0.3	2.3
Manufacturing	1,101	1,099	1,111	2	-10	0.2	-0.9
Durable Goods	740	737	750	3	-10	0.3	-1.3
Nondurable Goods	362	362	362	-1	0	-0.2	-0.1
Nonmanufacturing	3,742	3,731	3,622	11	120	0.3	3.3
Mining	20	20	19	0	0	-0.3	1.4
Construction	201	199	188	1	12	0.7	6.6
Transportation and Public Utilities	216	215	213	1	3	0.3	1.3
Wholesale Trade	266	265	258	1	8	0.3	3.0
Retail Trade	920	919	889	2	31	0.2	3.5
Finance, Insurance, and Real Estate	258	257	252	1	5	0.2	2.2
Services	1,158	1,153	1,108	5	50	0.4	4.5
Government	704	703	693	1	10	0.1	1.5
Goods Producing Industries[f]	1,321	1,318	1,319	3	2	0.2	0.2
Service Producing Industries[g]	3,522	3,512	3,414	9	107	0.3	3.1

[a]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel.
[b]Changes are computed from unrounded numbers.
[c]Percentages are computed from unrounded numbers.
[d]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence, provided by the U.S. Bureau of Labor Statistics.
[e]From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January *Labor Market Review*.
[f]Includes Mining, Construction, and Manufacturing.
[g]Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance, and Real Estate, Services, and Government.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rates		
Total	Employed	Unemployed	Ohio	U.S.	
5,279	4,949	330	6.3	5.8	1987 December
					1988
5,324	4,981	343	6.4	5.8	January
5,355	5,014	341	6.4	5.7	February
5,369	4,974	395	7.4	5.6	March
5,301	4,970	331	6.2	5.5	April
5,284	4,960	324	6.1	5.6	May
5,306	4,994	312	5.9	5.4	June
5,294	5,004	290	5.5	5.4	July
5,329	5,028	301	5.6	5.6	August
5,311	5,004	307	5.8	5.4	September
5,349	5,049	300	5.6	5.3	October
5,366	5,059	307	5.7	5.4	November
5,355	5,060	295	5.5	5.3	December
					1989
5,426	5,094	332	6.1	5.4	January
5,432	5,152	280	5.2	5.2	February
5,428	5,144	284	5.2	5.0	March
5,381	5,093	288	5.4	5.3	April
5,434	5,138	296	5.4	5.2	May
5,490	5,183	307	5.6	5.3	June
5,450	5,157	293	5.4	5.3	July
5,469	5,209	260	4.8	5.3	August
5,491	5,216	275	5.0	5.3	September
5,503	5,169	334	6.1	5.3	October
5,444	5,099	345	6.3	5.3	November
5,470	5,132	338	6.2	5.3	December

Ohio Nonagricultural Wage and Salary Employment

(in thousands)

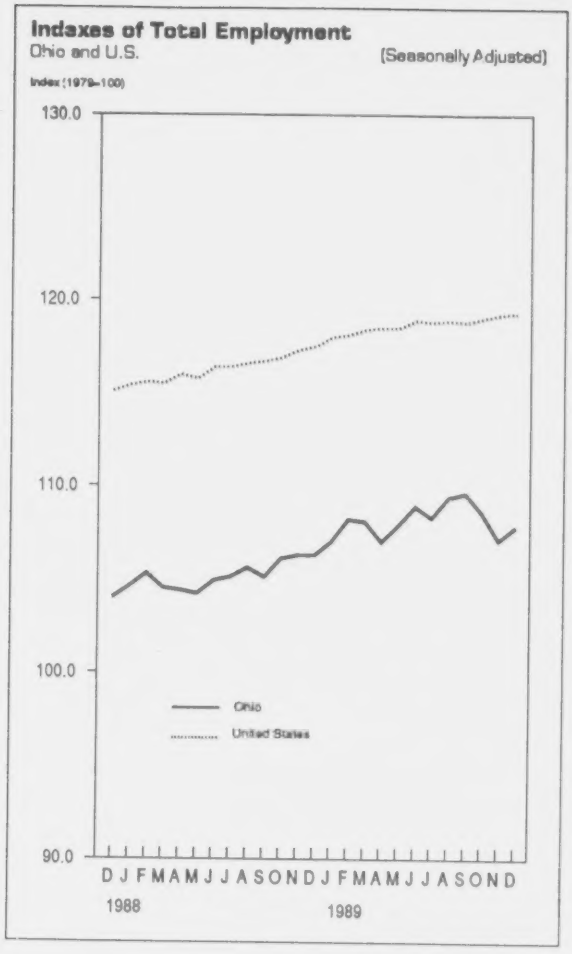
Total Nonagricultural Employment	Manufacturing Employment			
		Durable	Nondurable	
4,650	1,110	748	362	1987 December
				1988
4,637	1,104	744	360	January
4,644	1,103	743	359	February
4,653	1,097	737	360	March
4,656	1,101	742	360	April
4,661	1,100	742	359	May
4,671	1,102	742	360	June
4,676	1,101	742	359	July
4,680	1,100	741	358	August
4,691	1,103	743	359	September
4,704	1,105	746	360	October
4,721	1,110	750	361	November
4,733	1,111	750	362	December
				1989
4,764	1,122	757	364	January
4,772	1,118	754	364	February
4,777	1,114	751	363	March
4,778	1,110	748	362	April
4,780	1,107	747	360	May
4,786	1,107	746	361	June
4,787	1,100	740	359	July
4,807	1,108	748	360	August
4,815	1,106	745	361	September
4,814	1,094	732	362	October
4,830	1,099	737	362	November
4,843	1,101	740	362	December

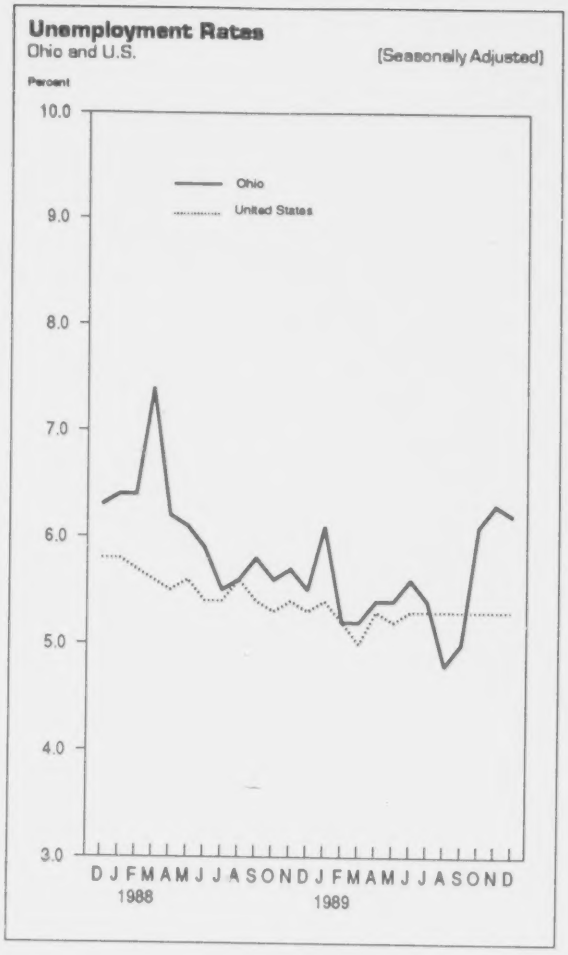
Nonmanufacturing Employment

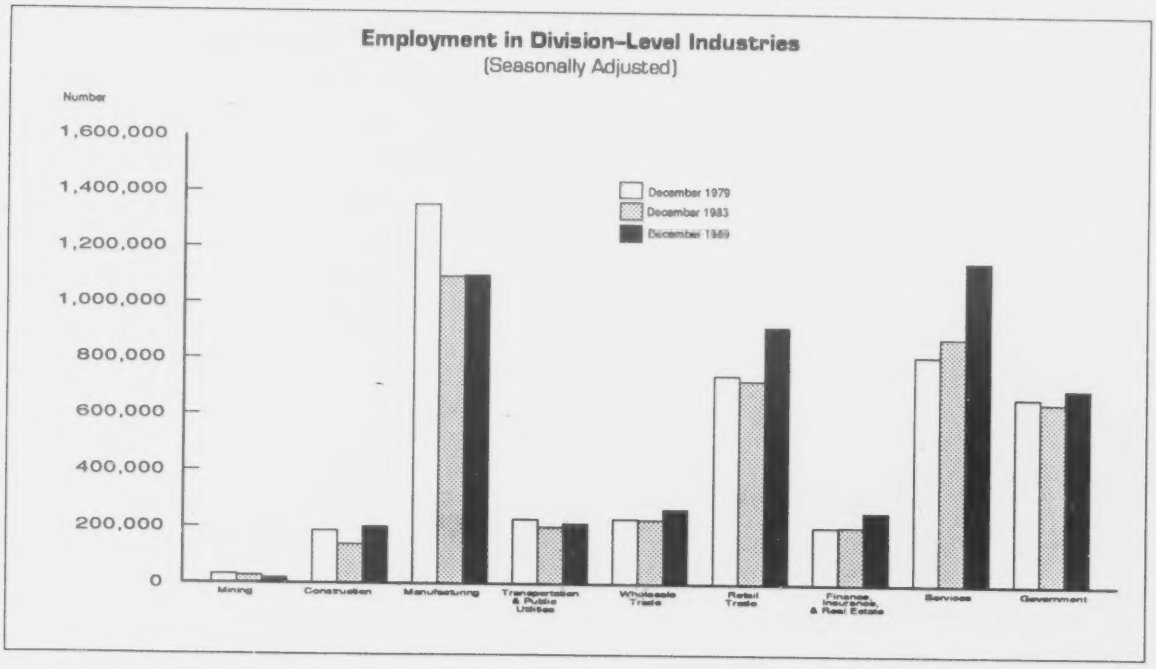
(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance, & Real Estate	Services	Government
3,540	21	183	210	252	1987 December	863	248	1073	691
					1988				
3,533	20	181	210	251	January	865	247	1068	691
3,542	20	182	210	251	February	868	247	1073	690
3,557	19	185	211	252	March	872	248	1078	692
3,555	20	183	211	252	April	870	249	1079	691
3,561	19	182	211	253	May	871	249	1083	692
3,569	19	182	211	254	June	874	249	1087	692
3,575	19	182	212	255	July	876	250	1089	692
3,581	20	183	212	256	August	878	251	1093	689
3,589	19	184	212	256	September	880	251	1095	691
3,599	19	184	212	257	October	884	252	1097	693
3,611	19	186	213	258	November	887	252	1102	694
3,622	19	188	213	258	December	889	252	1108	693
					1989				
3,642	19	196	213	259	January	896	253	1112	693
3,654	19	197	213	260	February	899	254	1116	696
3,663	19	197	214	260	March	903	254	1120	696
3,668	19	196	215	261	April	902	255	1125	695
3,672	19	196	214	261	May	902	255	1129	696
3,679	20	197	214	261	June	906	255	1132	694
3,688	17	197	214	262	July	908	255	1136	698
3,700	20	197	215	263	August	910	256	1140	698
3,709	20	198	215	263	September	912	257	1145	699
3,720	20	198	215	264	October	916	257	1147	704
3,731	20	199	215	265	November	919	257	1153	703
3,742	20	201	216	266	December	920	258	1158	704

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January *Labor Market Review*.


Indexes of Total Employment
Ohio and U.S.
(Seasonally Adjusted)
Index (1979=100)
130.0
120.0
110.0
100.0
90.0
Ohio
United States
D J F M A M J J A S O N D J F M A M J J A S O N D
1988
1989


Unemployment Rates
Ohio and U.S.
(Seasonally Adjusted)
Percent
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
Ohio
United States
D J F M A M J J A S O N D J F M A M J J A S O N D
1988
1989


Employment in Division-Level Industries
(Seasonally Adjusted)
Number
1,600,000
1,400,000
1,200,000
1,000,000
800,000
600,000
400,000
200,000
0
December 1979
December 1983
December 1989
Mining
Construction
Manufacturing
Transportation & Public Utilities
Wholesale Trade
Retail Trade
Finance, Insurance, & Real Estate
Services
Government

Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rates	
Total	Employed	Unemployed	Ohio	U.S.
4,959	4,690	268	5.4	6.1
5,059	4,760	299	5.9	5.8
5,089	4,663	426	8.4	7.1
5,100	4,608	492	9.6	7.6
5,114	4,474	640	12.5	9.7
5,099	4,478	621	12.2	9.6
5,089	4,609	480	9.4	7.5
5,135	4,680	455	8.9	7.2
5,232	4,806	425	8.1	7.0
5,254	4,887	367	7.0	6.2
5,328	5,008	320	6.0	5.5
5,352	5,066	286	5.4	5.0
5,384	5,015	369	6.9	6.0
5,380	5,063	317	5.9	5.6
5,375	5,068	307	5.7	5.2
5,357	5,085	273	5.1	5.1
5,419	5,143	277	5.1	5.0
5,537	5,216	321	5.8	5.5
5,526	5,248	277	5.0	5.3
5,517	5,257	261	4.7	5.1
5,460	5,192	269	4.9	5.1
5,513	5,203	310	5.6	5.0
5,471	5,147	324	5.9	5.2
5,459	5,129	330	6.0	5.1

Ohio Nonagricultural Wage and Salary Employment

(in thousands)

	Total Nonagricultural Employment			
		Manufacturing Employment		
			Durable	Nondurable
1978	4,394.9	1,377.2	974.5	402.7
1979	4,484.8	1,382.3	980.5	401.8
1980	4,367.4	1,264.3	882.6	381.8
1981	4,317.7	1,232.6	860.4	372.2
1982	4,124.3	1,099.9	752.4	347.5
1983	4,092.5	1,066.0	723.6	342.4
1984	4,260.2	1,127.0	773.4	353.6
1985	4,372.9	1,124.3	768.7	355.5
1986	4,471.4	1,109.8	752.7	357.1
1987	4,582.6	1,098.9	740.4	358.4
1988	4,683.0	1,103.1	743.6	359.6
1988				
December	4,781.8	1,115.1	752.5	362.6
1989				
January	4,669.0	1,112.2	751.4	360.8
February	4,671.4	1,107.3	747.9	359.4
March	4,707.6	1,106.9	748.1	358.8
April	4,761.0	1,107.1	748.4	358.7
May	4,811.3	1,107.5	748.7	358.8
June	4,831.8	1,112.5	750.8	361.7
July	4,791.5	1,099.6	739.6	360.0
August	4,807.2	1,109.4	746.3	363.1
September	4,855.2	1,113.3	747.0	366.3
October	4,869.6	1,098.7	734.3	364.4
November	4,886.8	1,105.5	741.4	364.0
December	4,893.1	1,105.2	742.5	362.7

Nonmanufacturing Employment

(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance, & Real Estate	Services	Government
3,017.7	29.0	176.6	225.0	226.0	1978	730.4	191.1	772.1	667.5
3,102.5	31.6	182.9	232.1	232.8	1979	742.4	200.6	806.2	674.0
3,103.0	30.7	167.4	223.1	230.6	1980	726.6	203.8	830.9	689.9
3,085.1	30.7	153.7	217.2	232.5	1981	717.7	205.8	851.6	676.0
3,024.4	30.3	134.6	206.8	226.0	1982	703.4	206.4	857.3	659.6
3,026.5	26.6	130.8	198.5	222.5	1983	711.0	207.8	873.3	656.1
3,133.1	27.8	144.8	203.9	236.7	1984	748.0	211.5	905.2	655.2
3,248.6	26.1	154.0	202.7	243.7	1985	787.9	219.3	949.5	665.2
3,361.6	22.6	160.7	203.4	244.3	1986	818.6	232.3	1,001.0	678.9
3,483.7	20.9	176.4	207.8	248.0	1987	848.3	243.8	1,051.2	687.3
3,579.8	19.5	183.6	211.5	254.3	1988	876.5	249.8	1,087.8	696.8
3,666.6	19.5	188.0	215.3	259.1	1988 December	921.4	252.4	1,101.0	710.0
3,556.9	18.9	167.0	208.7	256.9	1989 January	877.0	250.3	1,083.4	694.5
3,564.1	18.6	162.2	208.5	256.9	February	867.2	250.8	1,091.8	708.0
3,600.8	18.7	170.8	209.7	257.8	March	876.3	251.5	1,103.0	712.9
3,653.9	19.0	184.7	212.8	259.7	April	889.8	253.1	1,125.5	709.3
3,703.7	19.2	197.0	214.3	261.3	May	904.2	254.6	1,138.7	714.4
3,719.4	19.8	206.5	216.0	263.1	June	912.5	257.0	1,149.9	694.5
3,692.0	17.0	215.0	216.0	263.8	July	913.8	258.5	1,151.2	656.5
3,697.8	20.1	218.0	217.0	263.8	August	918.6	259.0	1,152.6	648.7
3,741.9	20.2	217.3	217.3	263.7	September	920.1	257.8	1,160.2	685.3
3,770.9	20.2	218.0	217.9	265.6	October	923.9	257.3	1,155.2	712.8
3,781.3	20.0	211.1	217.6	266.0	November	938.1	257.3	1,152.8	718.3
3,787.9	19.8	200.5	218.1	266.9	December	953.4	257.9	1,150.7	720.7

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed from unrounded figures. All data exclude military personnel.

Manufacturing Employment, Hours, and Earnings[a]

Manufacturing Employment

Total (thousands)	Durable Goods (thousands)	Nondurable Goods (thousands)	
1,377.2	974.5	402.7	1978
1,382.3	980.5	401.8	1979
1,264.3	882.6	381.8	1980
1,232.6	860.4	372.2	1981
1,099.9	752.4	347.5	1982
1,066.0	723.6	342.4	1983
1,127.0	773.4	353.6	1984
1,124.3	768.7	355.5	1985
1,109.8	752.7	357.1	1986
1,098.9	740.4	358.4	1987
1,103.1	743.6	359.6	1988
			1988
1,115.1	752.5	362.6	December
			1989
1,112.2	751.4	360.8	January
1,107.3	747.9	359.4	February
1,106.9	748.1	358.8	March
1,107.1	748.4	358.7	April
1,107.5	748.7	358.8	May
1,112.5	750.8	361.7	June
1,099.6	739.6	360.0	July
1,109.4	746.3	363.1	August
1,113.3	747.0	366.3	September
1,098.7	734.3	364.4	October
1,105.5	741.4	364.0	November
1,105.2	742.5	362.7	December

Production Workers in Manufacturing

Production Workers (thousands)	Aggregate Weekly Payroll (millions)	Aggregate Weekly Hours (millions)	
985.5	$302.5	41.5	1978
979.0	318.5	40.6	1979
867.8	301.9	35.2	1980
847.7	330.4	34.7	1981
735.7	297.1	29.5	1982
721.6	315.4	29.9	1983
781.5	362.3	33.1	1984
773.4	369.7	32.5	1985
758.5	369.1	31.9	1986
751.4	375.5	32.0	1987
759.1	391.7	32.6	1988
			1988
770.1	411.5	33.7	December
			1989
766.2	404.1	33.1	January
762.0	400.1	32.8	February
761.4	400.2	32.7	March
761.4	397.0	32.5	April
761.1	397.5	32.5	May
764.1	402.9	32.8	June
750.5	383.3	31.5	July
759.9	391.3	32.0	August
764.7	404.2	32.7	September
751.6	393.2	31.9	October
758.2	399.5	32.4	November
758.0	398.2	32.2	December

Production Worker Average Weekly Earnings

Manufacturing	Durable Goods	Nondurable Goods	
$306.91	$316.83	$279.30	1978
325.36	335.30	297.78	1979
347.94	358.57	319.99	1980
369.78	401.64	358.16	1981
403.81	414.80	378.95	1982
437.18	452.35	402.52	1983
463.61	482.38	417.83	1984
477.96	499.56	425.80	1985
486.68	507.95	439.71	1986
499.70	519.52	455.03	1987
516.00	538.59	465.47	1988
			1988
534.36	557.80	479.62	December
			1989
527.47	551.06	472.36	January
525.03	547.67	472.63	February
525.53	549.41	470.50	March
521.37	542.59	473.71	April
522.22	543.46	471.86	May
527.24	546.05	480.48	June
510.72	526.66	472.79	July
514.88	530.87	476.74	August
528.58	548.66	482.05	September
523.18	541.85	481.43	October
526.92	547.37	483.00	November
525.30	542.29	484.78	December

Production Worker Average Weekly Hours

Manufacturing	Durable Goods	Nondurable Goods	
42.1	42.3	41.5	1978
41.5	41.6	41.1	1979
40.6	40.7	40.2	1980
40.9	40.9	40.7	1981
40.1	40.0	40.4	1982
41.4	41.5	41.2	1983
42.3	42.5	41.7	1984
42.0	42.3	41.3	1985
42.1	42.4	41.6	1986
42.6	42.9	41.9	1987
43.0	43.4	42.2	1988
			1988
43.8	44.2	42.9	December
			1989
43.2	43.7	42.1	January
43.0	43.5	41.9	February
42.9	43.5	41.6	March
42.7	43.2	41.7	April
42.7	43.2	41.5	May
42.9	43.2	42.0	June
42.0	42.2	41.4	July
42.1	42.3	41.6	August
42.8	43.1	42.1	September
42.5	42.8	41.9	October
42.7	43.1	42.0	November
42.5	42.7	41.9	December

Production Worker Average Hourly Earnings

Manufacturing	Durable Goods	Nondurable Goods	
$7.29	$7.49	$6.73	1978
7.84	8.06	7.25	1979
8.57	8.81	7.96	1980
9.53	9.82	8.80	1981
10.07	10.37	9.38	1982
10.56	10.90	9.77	1983
10.96	11.35	10.02	1984
11.38	11.81	10.31	1985
11.56	11.98	10.57	1986
11.73	12.11	10.86	1987
12.00	12.41	11.03	1988
			1988
12.20	12.62	11.18	December
			1989
12.21	12.61	11.22	January
12.21	12.59	11.28	February
12.25	12.63	11.31	March
12.21	12.56	11.36	April
12.23	12.58	11.37	May
12.29	12.64	11.44	June
12.16	12.48	11.42	July
12.23	12.55	11.46	August
12.35	12.73	11.45	September
12.31	12.66	11.49	October
12.34	12.70	11.50	November
12.36	12.70	11.57	December

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment and Average Weekly Earnings in Selected Major Manufacturing Industries[a]

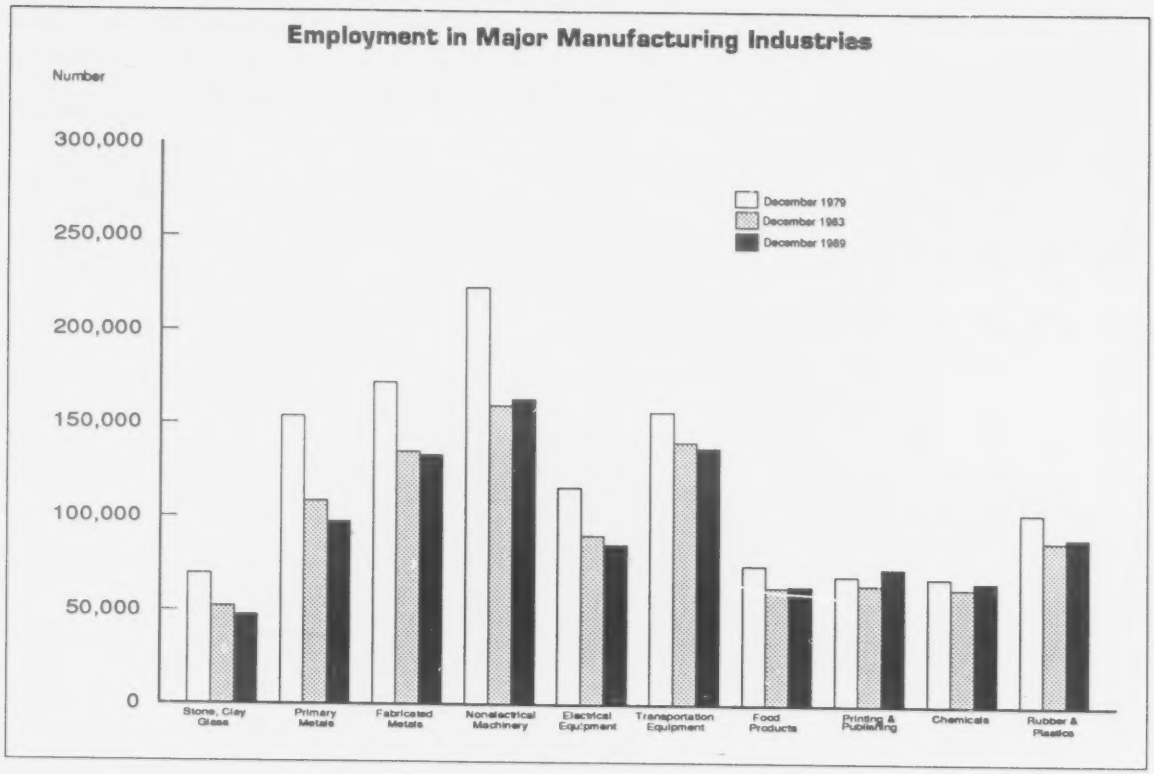
Employment
(thousands)

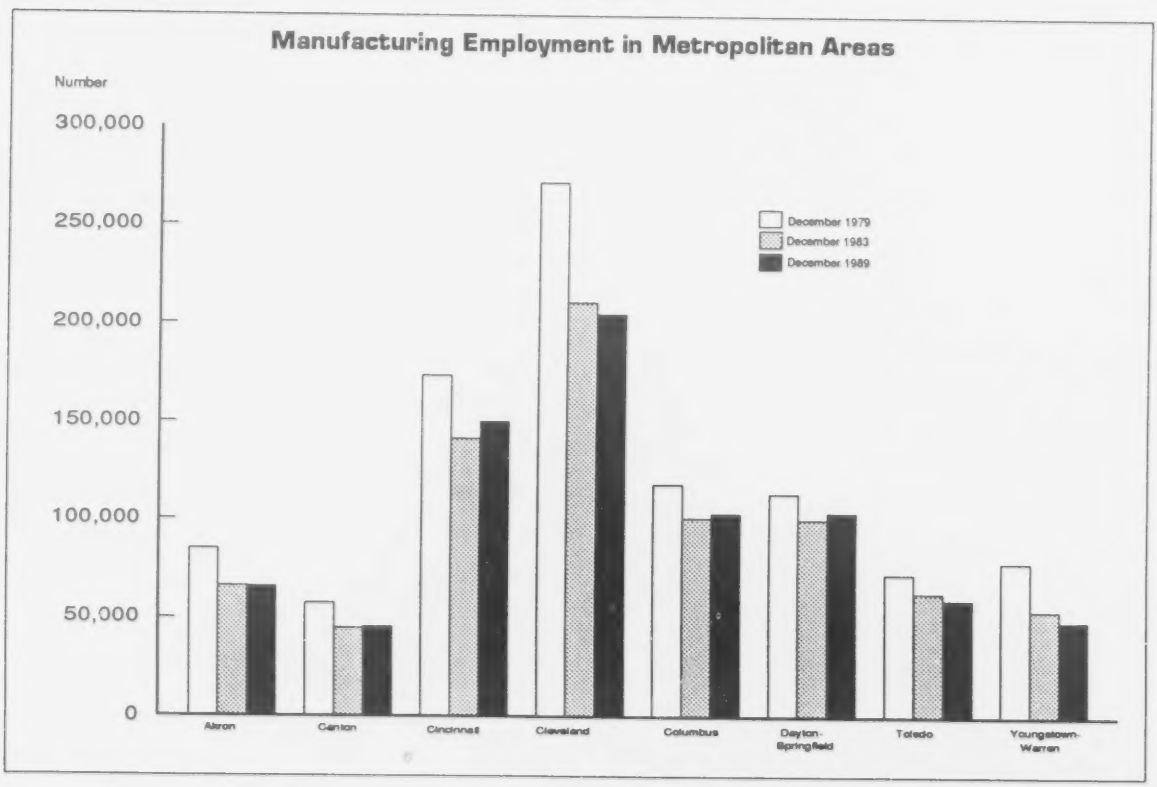
Stone, Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products		Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
69.3	157.5	173.3	1978	216.7	122.2	164.1	1978	74.6	66.6	107.4
69.7	158.9	175.5	1979	223.6	117.6	165.8	1979	74.4	67.6	106.7
64.5	139.8	157.6	1980	211.4	106.4	139.1	1980	72.7	67.4	92.7
61.0	138.3	154.9	1981	204.2	101.9	136.9	1981	69.2	66.1	89.0
54.2	112.7	134.9	1982	176.7	93.4	121.7	1982	66.9	63.2	80.4
52.1	104.1	129.7	1983	154.3	89.4	132.1	1983	63.4	62.8	82.7
52.5	108.9	138.7	1984	167.3	93.1	144.9	1984	62.8	65.1	90.8
50.4	101.8	139.5	1985	166.2	90.7	151.2	1985	62.9	66.8	91.4
49.5	95.4	136.5	1986	158.6	89.1	153.9	1986	63.0	68.4	92.7
48.4	95.8	133.1	1987	155.2	86.7	149.0	1987	63.1	70.5	91.9
47.8	99.9	133.0	1988	158.7	86.3	141.8	1988	62.5	71.5	90.8
			1988				1988			
47.8	102.0	134.8	December	162.7	86.8	140.9	December	63.4	72.3	91.5
			1989				1989			
47.0	101.3	134.9	January	163.0	86.5	141.6	January	62.5	71.9	91.3
46.7	100.7	133.6	February	163.1	85.7	141.0	February	61.1	71.8	91.3
47.4	100.2	133.2	March	163.2	85.6	141.0	March	61.1	71.7	90.9
48.0	100.1	133.5	April	163.2	85.4	140.3	April	61.2	71.5	90.7
48.0	100.0	133.6	May	163.4	85.1	140.0	May	61.7	71.8	90.0
48.4	100.0	133.2	June	163.7	85.4	140.6	June	63.0	72.2	90.0
48.1	97.9	131.2	July	163.5	85.0	133.9	July	62.6	72.0	88.5
48.5	99.2	131.3	August	162.8	85.2	138.6	August	63.9	72.2	89.8
48.2	99.5	133.3	September	162.8	86.0	136.1	September	66.4	72.7	90.4
47.8	97.2	131.7	October	158.8	85.3	132.7	October	64.6	72.8	90.6
47.8	97.7	132.6	November	162.1	85.5	135.3	November	63.9	73.0	90.5
47.5	97.2	133.0	December	162.9	85.1	136.8	December	63.6	72.9	89.8

Average Weekly Earnings of Production Workers

$274.81	$366.24	$307.23	1978	$306.16	$268.45	$389.66	1978	$281.15	$285.18	$282.73
293.34	395.43	323.38	1979	329.09	289.27	391.56	1979	304.50	302.62	300.66
315.43	422.01	349.34	1980	352.77	316.31	414.83	1980	329.85	320.92	323.61
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.75	347.70	368.67
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	375.62	412.25
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	419.19	386.30	419.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	429.17
443.81	559.93	494.91	1986	485.18	459.80	632.06	1986	416.83	410.70	438.96
449.82	602.53	500.12	1987	502.36	463.01	638.13	1987	440.34	429.00	441.34
463.30	626.44	516.77	1988	526.48	472.50	675.24	1988	446.04	445.22	448.24
			1988				1988			
463.01	636.55	531.73	December	549.70	484.65	721.82	December	456.89	463.65	459.72
			1989				1989			
462.34	629.95	520.22	January	551.15	481.38	702.15	January	441.08	445.02	460.42
463.49	619.89	512.40	February	543.22	470.40	714.48	February	440.18	451.61	451.93
465.38	621.72	511.20	March	545.43	466.34	724.23	March	449.35	454.31	442.68
470.98	624.34	512.48	April	541.11	464.26	683.99	April	455.20	447.70	446.69
464.88	620.64	515.82	May	538.74	462.73	691.75	May	455.10	446.18	453.05
472.01	632.19	507.53	June	536.36	460.37	712.80	June	469.79	447.30	462.03
472.01	605.52	499.62	July	521.00	448.34	676.24	July	462.00	449.26	447.72
476.87	612.14	490.69	August	519.78	458.97	688.97	August	468.00	450.45	446.04
471.16	627.64	523.98	September	536.98	462.56	724.36	September	456.12	469.57	453.69
481.60	609.55	509.04	October	535.78	466.21	714.15	October	455.52	469.57	442.68
483.15	615.63	513.89	November	538.65	469.70	721.18	November	464.10	479.45	440.35
478.67	606.96	505.78	December	548.00	473.63	698.01	December	473.34	479.89	433.54

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.


Employment in Major Manufacturing Industries
Number
300,000
250,000
200,000
150,000
100,000
50,000
0
December 1979
December 1983
December 1989
Stone, Clay Glass
Primary Metals
Fabricated Metals
Nonelectrical Machinery
Electrical Equipment
Transportation Equipment
Food Products
Printing & Publishing
Chemicals
Rubber & Plastics


Manufacturing Employment in Metropolitan Areas
Number
300,000
250,000
200,000
150,000
100,000
50,000
0
December 1979
December 1983
December 1989
Akron
Canton
Cincinnati
Cleveland
Columbus
Dayton-Springfield
Toledo
Youngstown-Warren

Nonagricultural Wage and Salary Employment[a]

Ohio

	Employment (in thousands)			Change[d] (in thousands)	
	December 1989[b]	November 1989[c]	December 1988[c]	From Last Month	From Last Year
Total	4893.1	4886.8	4781.8	6.3	111.3
Manufacturing	1105.2	1105.5	1115.1	-.3	-10.0
Durable Goods[e]	742.5	741.4	752.5	1.1	-10.1
Lumber and wood products	24.6	25.1	23.1	-.5	1.5
Furniture and fixtures	15.1	15.0	15.0	.1	.1
Stone, clay, and glass products	47.5	47.8	47.8	-.3	-.3
Glass and glassware, pressed or blown	8.7	8.9	8.7	-.1	.0
Primary metal industries	97.2	97.7	102.0	-.5	-4.8
Blast furnace and basic steel products	44.3	43.8	46.0	.5	-1.7
Iron and steel foundries	19.1	19.7	20.4	-.6	-1.3
Nonferrous rolling and drawing	16.6	17.1	18.1	-.5	-1.5
Fabricated metal products	133.0	132.6	134.8	.4	-1.8
Cutlery, hand tools, and hardware	9.8	9.8	10.2	.0	-.4
Fabricated structural metal products	28.2	28.3	28.5	-.1	-.3
Metal forgings and stampings	40.3	40.1	41.7	.2	-1.4
Machinery, except electrical	162.9	162.1	162.7	.8	.2
Construction and related machinery	13.9	13.8	13.5	.1	.5
Metalworking machinery	43.0	42.9	42.3	.1	.7
Special industry machinery	18.4	18.0	18.3	.4	.0
General industrial machinery	28.9	28.8	28.6	.2	.3
Office and computing machines	12.0	12.0	12.5	.0	-.5
Refrigeration and service machinery	15.5	15.7	16.4	-.1	-.8
Electric and electronic equipment	85.1	85.5	86.8	-.3	-1.6
Electrical industrial apparatus	17.7	17.7	17.4	-.1	.3
Household appliances	15.7	15.6	16.3	.2	-.6
Electric lighting and wiring equipment	16.8	16.9	17.5	-.1	-.7
Communication equipment	9.1	9.2	9.2	-.2	-.1
Transportation equipment	136.8	135.3	140.9	1.6	-4.1
Motor vehicles and equipment	91.5	90.0	94.9	1.4	-3.5
Aircraft and parts	36.7	36.6	37.4	.1	-.7
Instruments and related products	24.7	24.9	24.6	-.2	.1
Measuring and controlling devices	13.1	13.3	13.4	-.2	-.3
Nondurable Goods[f]	362.7	364.0	362.6	-1.4	.1
Food and kindred products	63.6	63.9	63.4	-.3	.2
Meat products	9.0	8.8	8.9	.1	.1
Dairy products	9.5	9.5	9.6	.0	-.1
Preserved fruits and vegetables	12.1	12.4	11.9	-.4	.2
Bakery products	9.4	9.5	9.6	-.1	-.1
Beverages	8.9	8.9	9.1	.0	-.2
Apparel and other textile products	15.9	16.1	16.0	-.3	-.2
Paper and allied products	37.2	37.2	37.5	.0	-.2
Misc. converted paper products	11.9	11.9	12.2	.0	-.3
Paperboard containers and boxes	13.5	13.5	13.2	.0	.3
Printing and publishing	72.9	73.0	72.3	-.1	.6
Newspapers	19.0	19.0	19.0	.0	.0
Commercial printing	28.6	28.7	28.4	-.1	.2
Chemicals and allied products	65.9	65.8	64.4	.0	1.4
Industrial inorganic chemicals	8.8	8.8	8.6	.0	.3
Rubber and misc. plastics products	89.8	90.5	91.5	-.7	-1.6
Tires and inner tubes	14.3	14.3	14.5	.0	-.2
Miscellaneous plastics products	55.4	55.9	56.6	-.5	-1.2

See footnotes on page 13.

Nonagricultural Wage and Salary Employment[a]

Ohio (continued)

	Employment (in thousands)			Change[d] (in thousands)	
	December 1989[b]	November 1989[c]	December 1988[c]	From Last Month	From Last Year
Nonmanufacturing	3787.9	3781.3	3666.6	6.6	121.3
Mining	19.8	20.0	19.5	-.2	.3
Bituminous coal and lignite mining	7.9	7.9	7.8	-.1	.1
Oil and gas extraction	6.9	6.8	6.9	.1	-.1
Construction	200.5	211.1	188.0	-10.6	12.5
General building contractors	51.3	52.7	48.6	-1.4	2.7
Heavy construction contractors	22.8	26.7	22.0	-4.0	.8
Highway and street construction	7.4	10.2	7.6	-2.7	-.2
Special trade contractors	126.4	131.7	117.4	-5.3	9.0
Transportation and Public Utilities	218.1	217.6	215.3	.4	2.7
Railroad transportation	12.1	12.5	13.2	-.4	-1.1
Transportation, except railroads	118.9	118.1	114.3	.8	4.7
Trucking and warehousing	81.3	80.3	78.5	1.0	2.8
Communication, electric, gas services	87.0	87.0	87.9	.0	-.8
Communication	45.2	45.3	46.1	-.1	-.8
Electric, gas, and sanitary services	41.8	41.7	41.8	.1	.0
Wholesale Trade	266.9	266.0	259.1	.8	7.7
Wholesale trade-durable goods	168.2	168.0	163.9	.3	4.4
Motor vehicles & automotive equipment	23.3	23.2	22.6	.1	.6
Electrical goods	18.9	18.8	18.5	.0	.3
Machinery, equipment, and supplies	71.6	71.5	69.9	.1	1.6
Wholesale trade-nondurable goods	98.6	98.1	95.3	.6	3.3
Groceries and related products	31.8	31.5	30.6	.3	1.2
Retail Trade	953.4	938.1	921.4	15.3	32.0
General merchandise stores	139.4	133.3	136.5	6.2	2.9
Department stores	119.2	113.6	117.4	5.6	1.8
Food stores	151.6	149.3	147.1	2.3	4.5
Automotive dealers & service stations	100.3	100.5	96.2	-.2	4.0
Apparel and accessory stores	52.3	49.8	50.0	2.5	2.3
Eating and drinking places	308.0	307.4	302.5	.6	5.5
Finance, Insurance, and Real Estate	257.9	257.3	252.4	.6	5.5
Banking	65.2	65.0	64.2	.1	1.0
Credit agencies other than banks	38.8	38.6	38.1	.3	.7
Insurance carriers	71.3	71.3	70.5	.1	.8
Life insurance	26.4	26.3	26.1	.1	.3
Fire, marine, and casualty insurance	31.9	31.8	31.2	.0	.7
Services	1150.7	1152.8	1101.0	-2.1	49.8
Hotels and other lodging places	37.1	37.3	35.9	-.2	1.2
Personal services	60.6	60.1	57.5	.5	3.1
Laundry, cleaning, & garment services	19.8	19.9	19.2	-.1	.6
Business services	247.5	246.8	230.3	.7	17.2
Services to buildings	33.6	33.8	32.3	-.2	1.3
Computer and data processing services	24.6	24.3	22.4	.2	2.1
Amusement and recreation services	33.8	35.6	32.5	-1.8	1.3
Health services	387.8	386.9	376.3	1.0	11.5
Nursing and personal care facilities	85.4	85.2	82.9	.2	2.5
Hospitals	187.6	187.4	183.8	.2	3.8
Educational services	68.0	69.9	66.6	-2.0	1.3
Colleges and universities	37.7	39.7	37.1	-2.0	.6
Government	720.7	718.3	710.0	2.4	10.7
Federal government	95.9	95.3	95.7	.6	.2
State government	168.3	167.0	165.4	1.3	2.9
State government education[f]	93.3	92.7	91.6	.7	1.8
State government, except education	75.0	74.3	73.8	.7	1.2
Local government	456.5	456.0	448.9	.5	7.6
Local government education	269.6	269.3	264.8	.3	4.8
Local government, except education	186.9	186.7	184.1	.2	2.8

See footnotes on page 13.

Hours and Earnings of Production or Nonsupervisory Workers[a]

Ohio

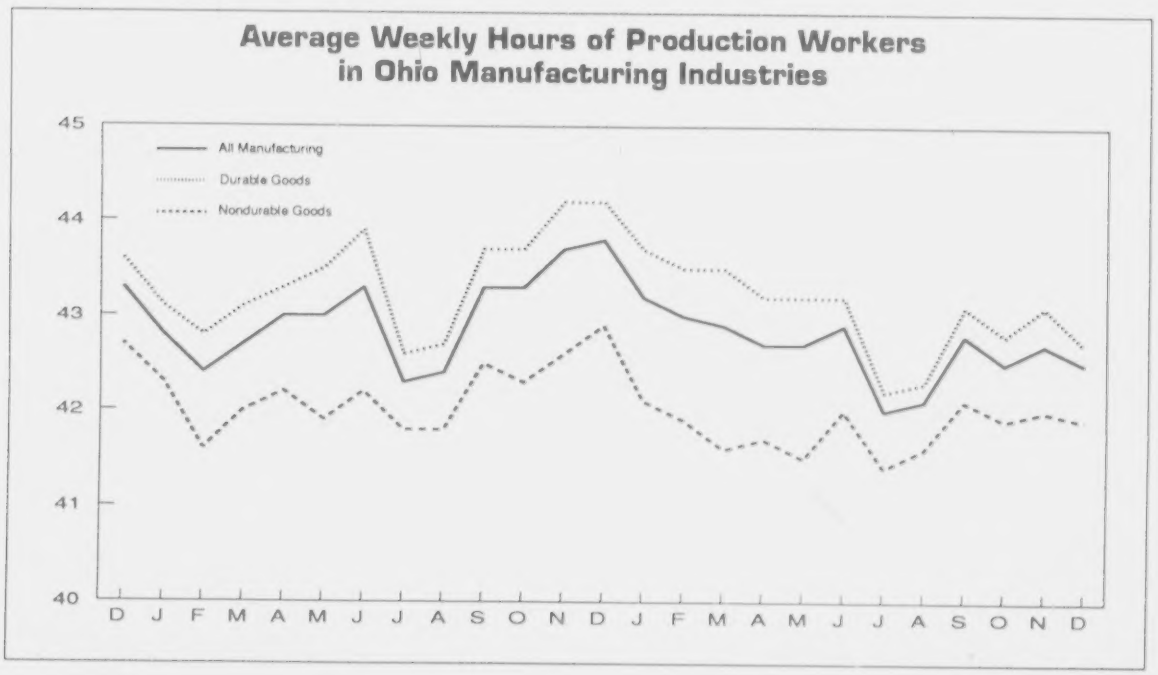
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]
Manufacturing	$525.30	$526.92	$534.36	42.5	42.7	43.8	$12.36	$12.34	$12.20
Durable Goods[e]	542.29	547.37	557.80	42.7	43.1	44.2	12.70	12.70	12.62
Lumber and wood products	335.30	335.72	319.09	40.3	40.4	40.7	8.32	8.31	7.84
Furniture and fixtures	385.93	389.87	384.56	41.1	41.3	41.8	9.39	9.44	9.20
Stone, clay, and glass products	478.67	483.15	463.01	42.7	43.1	42.4	11.21	11.21	10.92
Glass and glassware, pressed or blown	498.67	504.98	469.40	41.8	42.4	40.5	11.93	11.91	11.59
Primary metal industries	606.96	615.63	636.55	43.2	43.6	45.5	14.05	14.12	13.99
Blast furnace and basic steel products	614.47	615.33	643.58	43.0	43.0	45.1	14.29	14.31	14.27
Iron and steel foundries	634.35	631.04	705.43	43.3	43.4	47.6	14.65	14.54	14.82
Nonferrous rolling and drawing	632.26	687.74	653.83	40.4	43.2	43.1	15.65	15.92	15.17
Fabricated metal products	505.78	513.89	531.73	41.8	42.4	43.8	12.10	12.12	12.14
Cutlery, hand tools, and hardware	519.55	519.17	520.42	41.3	41.6	41.6	12.58	12.48	12.51
Fabricated structural metal products	472.86	494.31	462.58	42.6	43.9	42.4	11.10	11.26	10.91
Metal forgings and stampings	611.53	618.85	659.13	41.8	42.3	44.9	14.63	14.63	14.68
Machinery, except electrical	548.00	538.65	549.70	43.7	43.3	44.8	12.54	12.44	12.27
Construction and related machinery	465.75	467.04	432.48	41.4	41.7	40.8	11.25	11.20	10.60
Metalworking machinery	533.27	528.66	534.28	44.7	44.5	45.9	11.93	11.88	11.64
Special industry machinery	554.94	535.19	526.44	46.4	45.9	45.5	11.96	11.66	11.57
General industrial machinery	558.11	552.93	597.76	42.8	42.5	45.7	13.04	13.01	13.08
Office and computing machines	481.81	470.40	470.90	42.6	42.0	42.5	11.31	11.20	11.08
Refrigeration and service machinery	581.42	574.48	587.42	41.5	41.3	42.2	14.01	13.91	13.92
Electric and electronic equipment	473.63	469.70	484.65	42.1	41.9	42.7	11.25	11.21	11.35
Electrical industrial apparatus	503.55	499.07	502.85	45.0	44.8	44.5	11.19	11.14	11.30
Household appliances	487.23	465.66	500.58	40.3	39.0	41.2	12.09	11.94	12.15
Electric lighting and wiring equipment	467.02	474.16	499.38	40.4	40.7	42.5	11.56	11.65	11.75
Communication equipment	574.91	579.94	485.85	45.7	46.1	41.0	12.58	12.58	11.85
Transportation equipment	698.01	721.19	721.82	43.9	45.3	46.3	15.90	15.92	15.59
Motor vehicles and equipment	731.44	742.11	758.78	44.6	45.5	47.1	16.40	16.31	16.11
Aircraft and parts	614.66	706.67	633.09	42.1	46.4	44.9	14.60	15.23	14.10
Instruments and related products	391.40	382.73	381.30	41.2	40.5	41.0	9.50	9.45	9.30
Measuring and controlling devices	369.21	370.76	378.68	38.3	38.5	40.5	9.64	9.63	9.35
Nondurable Goods[f]	484.78	483.00	479.62	41.9	42.0	42.9	11.57	11.50	11.18
Food and kindred products	473.34	464.10	456.89	42.3	42.0	42.7	11.19	11.05	10.70
Meat products	373.27	376.80	360.84	41.2	42.1	42.6	9.06	8.95	8.94
Dairy products	503.69	480.31	464.38	44.3	43.0	43.4	11.37	11.17	10.70
Preserved fruits and vegetables	507.10	480.24	488.78	42.4	41.4	42.8	11.96	11.60	11.42
Bakery products	487.83	494.83	472.03	39.5	40.1	39.7	12.35	12.34	11.89
Beverages	465.62	438.45	429.72	42.6	40.9	41.2	10.93	10.72	10.43
Apparel and other textile products	297.79	299.13	310.13	39.6	39.0	40.7	7.52	7.67	7.62
Paper and allied products	512.82	506.00	517.34	44.4	44.0	45.5	11.55	11.50	11.37
Misc. converted paper products	474.82	465.52	446.66	44.5	44.0	44.4	10.67	10.58	10.06
Paperboard containers and boxes	448.76	436.39	452.32	43.4	42.7	44.0	10.34	10.22	10.28
Printing and publishing	479.89	479.45	463.65	40.6	40.7	40.6	11.82	11.78	11.42
Newspapers	408.92	401.70	394.24	35.1	34.9	35.2	11.65	11.51	11.20
Commercial printing	480.66	484.79	467.50	42.2	42.6	42.5	11.39	11.38	11.00
Chemicals and allied products	605.33	589.16	571.43	43.3	42.6	42.9	13.98	13.83	13.32
Industrial inorganic chemicals	627.25	630.09	597.76	44.9	45.2	43.6	13.97	13.94	13.71
Rubber and misc. plastics products	433.54	440.35	459.72	40.9	41.7	43.7	10.60	10.56	10.52
Tires and inner tubes	699.78	696.87	679.21	44.8	44.7	45.8	15.62	15.59	14.83
Miscellaneous plastics products	412.27	416.97	449.83	40.3	41.0	43.8	10.23	10.17	10.27

See footnotes on page 13.

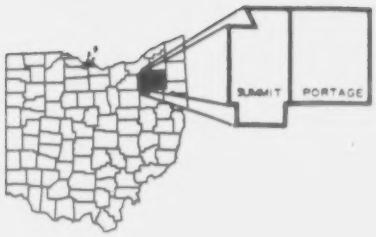
Hours and Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]
Mining	$603.19	$606.13	$547.41	43.9	44.7	42.7	$13.74	$13.56	$12.82
Bituminous coal and lignite mining	762.72	740.93	672.08	45.4	44.5	41.9	16.80	16.65	16.04
Construction	601.39	603.34	589.72	38.6	38.9	38.9	15.58	15.51	15.16
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	595.73	595.73	568.58	41.0	41.0	40.7	14.53	14.53	13.97
Communication	572.67	573.68	543.20	40.5	40.6	40.0	14.14	14.13	13.58
Electric, gas, and sanitary services	620.84	619.76	598.02	41.5	41.4	41.5	14.96	14.97	14.41
Wholesale Trade	409.64	409.64	400.07	39.2	39.2	39.3	10.45	10.45	10.18
Wholesale trade-durable goods	401.95	398.97	391.43	39.1	39.0	39.3	10.28	10.23	9.96
Wholesale trade-nondurable goods	423.16	427.39	414.62	39.4	39.5	39.3	10.74	10.82	10.55
Retail Trade[h]	178.41	174.78	174.64	28.5	28.1	29.4	6.26	6.22	5.94
General merchandise stores	192.34	180.96	195.63	29.5	28.1	31.3	6.52	6.44	6.25
Department stores	196.18	184.71	201.61	29.5	28.2	31.6	6.65	6.55	6.38
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Banking	272.02	272.20	268.05	....	....	....	.....	.....	.....
Credit agencies other than banks	280.86	282.13	275.14	....	....	....	.....	.....	.....
Insurance carriers	397.60	397.32	383.22	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	362.51	361.40	341.45	32.6	32.5	32.8	11.12	11.12	10.41

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [h]Money payments only; tips not included. [i]Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

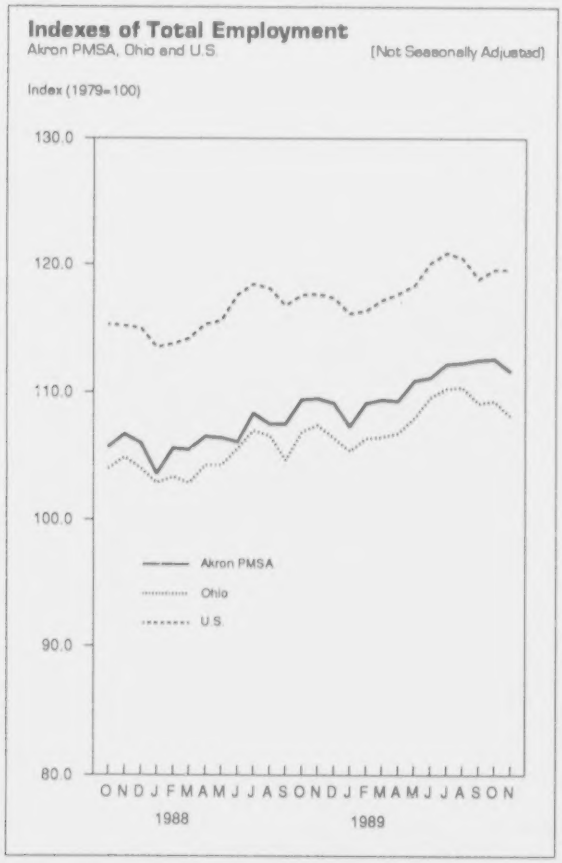

Average Weekly Hours of Production Workers in Ohio Manufacturing Industries
All Manufacturing
Durable Goods
Nondurable Goods
45
44
43
42
41
40
D J F M A M J J A S O N D J F M A M J J A S O N D

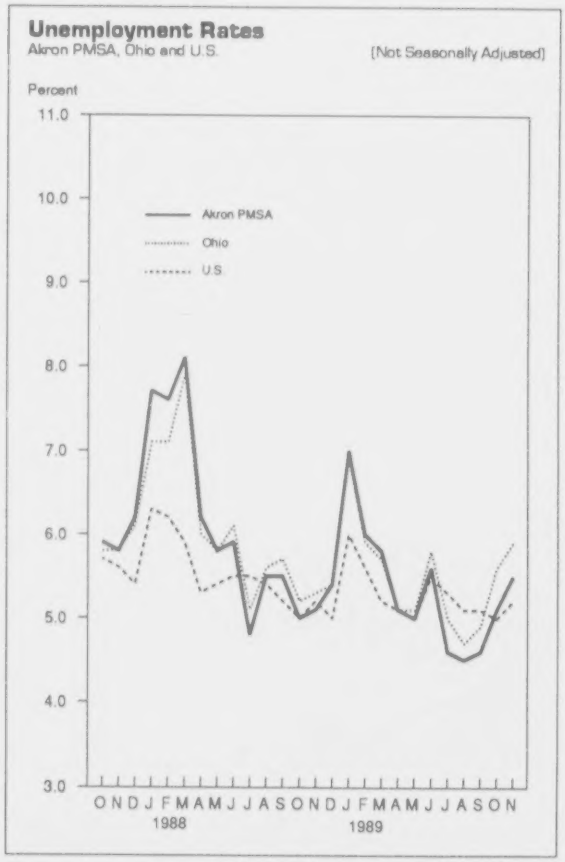
AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



Total nonfarm wage and salary employment in the Akron metropolitan area increased 100 from November to 288,000 in December 1989. Seasonal growth in retail trade offset a seasonal decrease in construction. Although rubber and miscellaneous plastics products declined 200, manufacturing employment was unchanged over the month at 65,800. Factory production workers averaged $11.65 per hour, up $.07 from November. Their average workweek of 42.5 hours was .1 hours shorter.

Nonagricultural payroll employment advanced 8,300 between December 1988 and December 1989. Nonmanufacturing employment increased 9,100 due chiefly to expansion in services (+3,700) and retail trade (+2,700). Scattered reductions among producers of durable goods, especially nonelectrical machinery, lowered manufacturing employment 800 over the year.



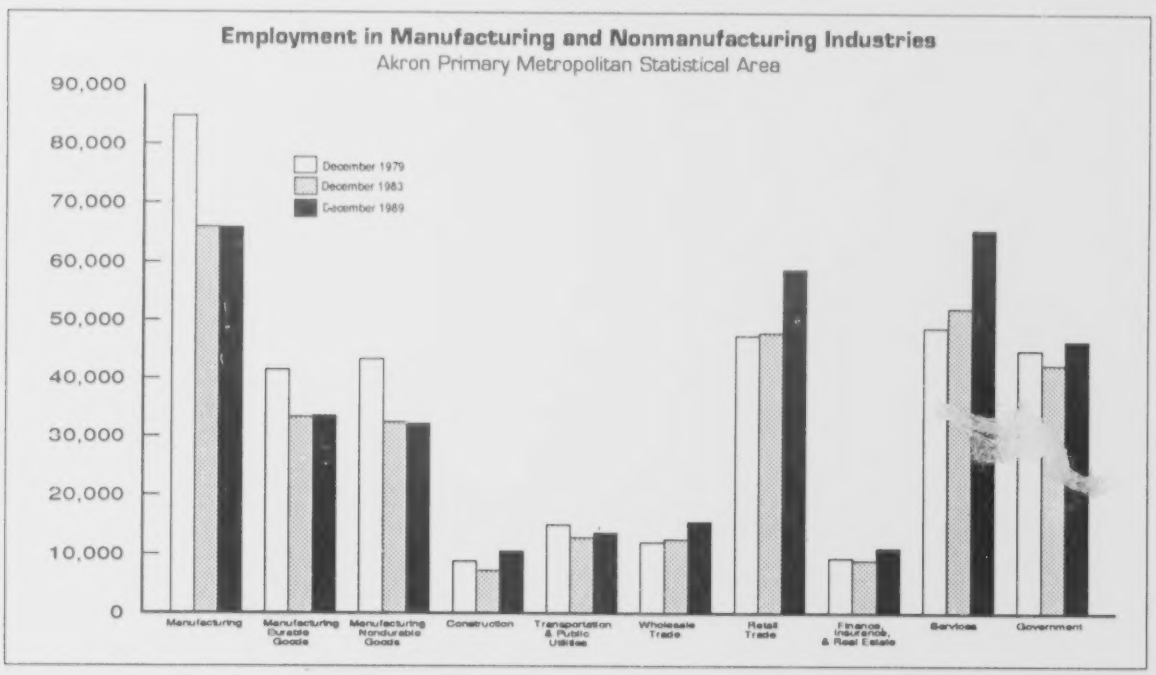


Akron PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
298.9	282.2	16.7	5.6	1978	266.6	85.9	49.4	$304.14	42.3	$ 7.19
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	321.57	41.6	7.73
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.5	285.8	30.6	9.7	1984	252.2	67.9	38.0	470.65	43.7	10.77
317.8	289.9	28.0	8.8	1985	257.6	68.1	37.3	475.20	43.2	11.00
320.4	294.8	25.6	8.0	1986	260.7	67.2	36.4	484.70	43.2	11.22
320.3	297.5	22.7	7.1	1987	265.1	66.4	36.5	487.03	43.1	11.30
325.3	305.6	19.7	6.0	1988	271.9	65.8	37.5	496.37	43.2	11.49
				1988						
329.3	312.4	16.9	5.1	November	281.7	67.0	39.2	496.78	42.9	11.58
329.3	311.3	17.9	5.4	December	279.7	66.6	39.0	493.06	43.1	11.44
				1989						
329.4	306.2	23.2	7.0	January	268.3	66.8	39.1	489.77	42.7	11.47
331.3	311.4	19.9	6.0	February	273.8	66.3	38.9	483.36	42.4	11.40
331.2	312.1	19.1	5.8	March	276.6	66.1	38.7	488.49	42.7	11.44
328.6	311.8	16.7	5.1	April	279.0	66.1	38.9	485.18	42.3	11.47
333.1	316.5	16.6	5.0	May	283.1	66.0	38.8	488.62	42.6	11.47
335.7	317.0	18.7	5.6	June	279.7	66.2	38.9	477.14	42.3	11.28
335.4	320.1	15.3	4.6	July	278.6	66.3	38.8	471.92	41.8	11.29
335.6	320.6	15.0	4.5	August	278.9	66.0	38.6	480.95	42.3	11.37
336.5	321.1	15.4	4.6	September	286.8	66.0	38.8	503.10	43.0	11.70
338.9	321.5	17.3	5.1	October	287.3	65.9	38.7	487.52	42.1	11.58
337.1	318.4	18.7	5.5	November	287.8	65.7	38.6	493.31	42.6	11.58
INA	INA	INA	INA	December	288.0	65.8	38.7	495.13	42.5	11.65

INA – information not available



Nonagricultural Wage and Salary Employment[a]

Akron PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	December 1989[b]	November 1989[c]	December 1988[c]	From Last Month	From Last Year
Total	288.0	287.8	279.7	.1	8.3
Manufacturing	65.8	65.7	66.6	.0	-.8
Durable Goods[e]	33.6	33.6	34.7	.0	-1.1
Fabricated metal products	11.0	11.0	11.0	.0	.0
Machinery, except electrical	9.6	9.7	9.9	.0	-.3
Metalworking machinery	3.5	3.5	3.5	.0	.0
Nondurable Goods[f]	32.2	32.2	31.9	.0	.3
Food and kindred products	2.9	2.9	2.9	.0	.0
Chemicals and allied products	3.5	3.4	3.5	.1	.0
Rubber and misc. plastics products	19.2	19.3	19.3	-.2	-.1
Tires and inner tubes	10.0	10.0	10.3	.0	-.3
Nonmanufacturing[g]	222.2	222.1	213.1	.1	9.1
Construction	10.4	11.3	10.0	-.9	.5
Transportation and Public Utilities	13.6	13.6	13.2	.0	.4
Communication, electric, gas services	4.7	4.7	4.9	.0	-.2
Wholesale Trade	15.5	15.4	14.9	.0	.6
Retail Trade	58.8	57.9	56.1	.9	2.7
General merchandise stores	7.7	7.4	7.7	.3	.0
Finance, Insurance, and Real Estate	11.0	11.0	10.6	.0	.4
Banking	3.2	3.2	3.1	.0	.1
Services	65.6	65.6	61.9	-.1	3.7
Business services	15.2	15.0	13.6	.2	1.5
Amusement and recreation services	3.1	3.2	2.8	-.1	.3
Health services	21.0	20.9	20.4	.1	.6
Government	46.6	46.4	45.7	.1	.8
State government	17.6	17.5	17.2	.1	.4
State government education[h]	14.7	14.7	14.3	.1	.5
State government, except education	2.8	2.8	2.9	.0	-.1
Local government	26.4	26.4	26.0	.0	.4
Local government education	15.2	15.0	14.9	.2	.3
Local government, except education	11.2	11.4	11.1	-.2	.2

Hours and Earnings of Production or Nonsupervisory Workers[a]

Akron PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]
Manufacturing	$495.13	$493.31	$493.06	42.5	42.6	43.1	$11.65	$11.58	$11.44
Durable Goods[e]	518.40	511.27	511.37	43.2	43.0	43.3	12.00	11.89	11.81
Fabricated metal products	604.89	623.22	625.56	42.3	43.4	42.7	14.30	14.36	14.65
Machinery, except electrical	508.20	479.45	469.20	46.2	44.6	46.0	11.00	10.75	10.20
Metalworking machinery	510.76	509.18	502.67	45.2	45.1	46.5	11.30	11.29	10.81
Nondurable Goods[f]	464.26	468.72	468.90	41.6	42.0	42.9	11.16	11.16	10.93
Food and kindred products	390.67	419.25	432.55	40.4	43.0	41.0	9.67	9.75	10.55
Chemicals and allied products	520 22	539.09	510.77	43.1	43.9	42.6	12.07	12.28	11.99
Rubber and misc. plastics products	475.44	476.58	488.84	42.0	42.4	44.4	11.32	11.24	11.01
Tires and inner tubes	779.73	779.73	816.68	47.4	47.4	50.6	16.45	16.45	16.14
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	606.92	604.82	574.06	41.4	41.2	40.8	14.66	14.68	14.07
Wholesale Trade	358.07	356.36	344.65	36.5	36.7	36.9	9.81	9.71	9.34
Retail Trade[h]	211.90	205.08	211.12	31.3	30.7	33.3	6.77	6.68	6.34

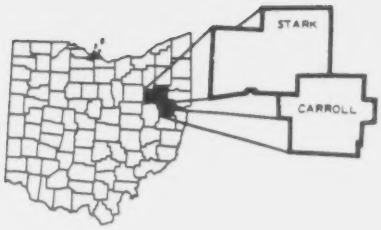
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Akron PMSA

	December 1989	November 1989	December 1988
Employment Service Program			
New Applicants	1,343	1,838	2,078
Active File of Job Seekers	9,018	9,639	14,509
Referrals to Jobs	595	735	782
Placements	103	166	128
Job Openings Received	259	307	264
Job Openings Unfilled	655	979	663
Unemployment Insurance Program			
Initial Claims	5,501	3,059	4,608
Continued Claims	23,756	18,647	24,012
First Payments	1,867	1,176	2,515
Last Payments	309	290	316
Weeks Compensated	19,346	15,304	20,584
Benefits Paid	$3,097,083	$2,414,304	$3,078,614
Average Weekly Payment	$167.88	$165.78	$155.52

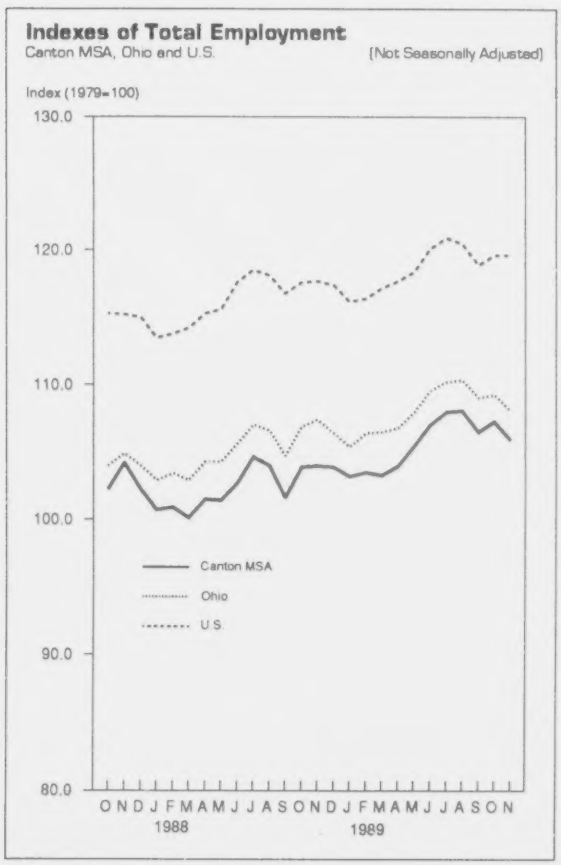
CANTON
METROPOLITAN STATISTICAL AREA

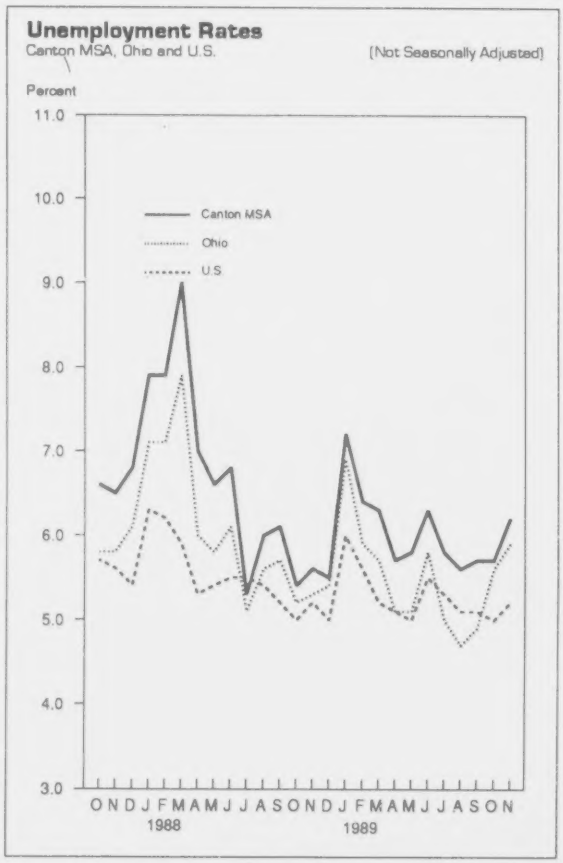


Note: Canton metropolitan area statistics are no longer funded by the U.S. Bureau of Labor Statistics.

In the Canton metropolitan area, nonagricultural payroll employment rose 600 above the November level to 167,900 in December 1989. Seasonal hirings in retail trade and a slight improvement in local government more than offset a decrease in construction. Manufacturing employment was unchanged over the month at 45,400. A decline in rubber and miscellaneous plastics products negated an increase in food and kindred products. Factory production workers averaged $11.79 per hour, down $.05 from November. Their average workweek of 41.7 hours was .3 hours longer.

Nonfarm wage and salary employment advanced 4,900 between December 1988 and December 1989. Leading growth industries were services (+2,200) and retail trade (+1,400). Moderate improvement also occurred in construction. The manufacturing workforce lost 300 jobs during the period. Reductions in fabricated metal products, primary metal industries, and rubber and miscellaneous plastics products outweighed a modest gain in food and kindred products.



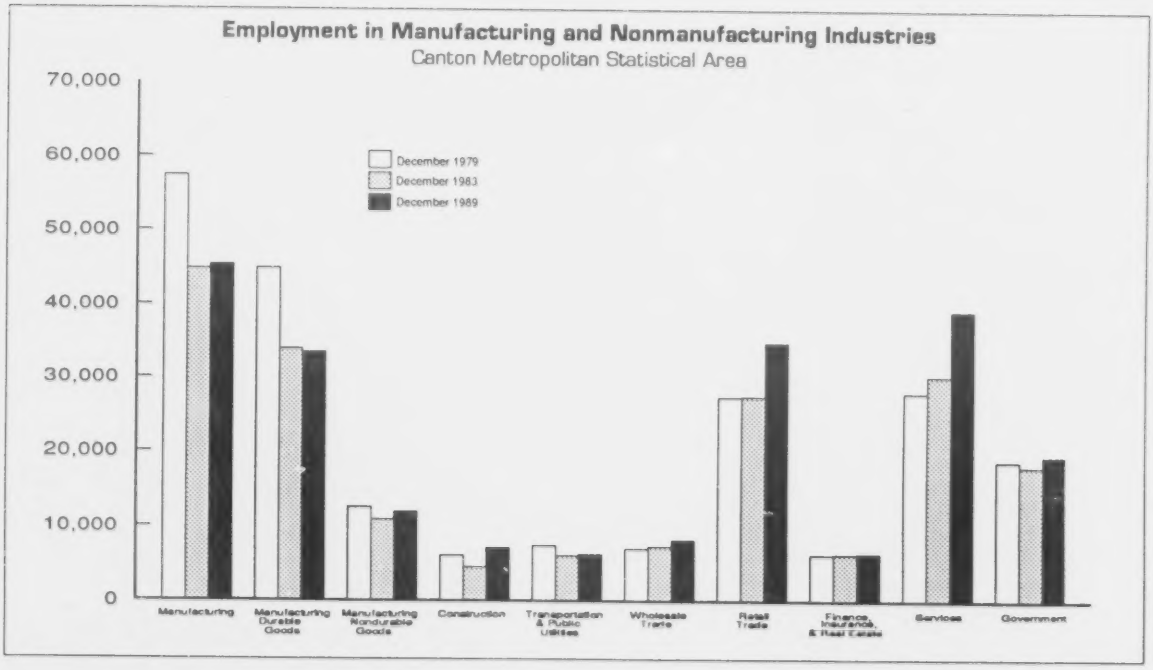


Canton MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	$304.67	40.3	$ 7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.5	169.5	20.0	10.6	1985	151.5	46.2	33.8	435.81	39.8	10.95
190.5	171.2	19.4	10.2	1986	151.9	43.7	31.0	451.76	40.3	11.21
190.4	174.7	15.7	8.2	1987	156.4	44.0	31.2	475.15	41.9	11.34
190.5	178.0	12.6	6.6	1988	159.5	44.9	32.1	489.49	42.9	11.41
				1988						
191.4	180.7	10.7	5.6	November	163.6	45.4	32.7	490.78	42.9	11.44
191.0	180.5	10.4	5.5	December	163.0	45.7	33.0	499.23	43.0	11.61
				1989						
193.0	179.2	13.9	7.2	January	160.0	46.0	33.2	500.39	43.1	11.61
192.1	179.7	12.3	6.4	February	159.1	45.3	32.5	491.90	42.7	11.52
191.5	179.4	12.1	6.3	March	160.0	45.2	32.4	497.03	42.3	11.75
191.7	180.7	11.0	5.7	April	162.7	45.5	32.7	496.27	42.2	11.76
194.6	183.3	11.3	5.8	May	165.0	45.8	32.9	497.20	42.1	11.81
198.4	185.9	12.4	6.3	June	165.7	45.9	32.9	500.49	42.2	11.86
199.3	187.6	11.6	5.8	July	165.2	45.4	32.5	482.10	41.1	11.73
198.7	187.7	11.0	5.6	August	165.1	45.5	32.7	496.44	42.0	11.82
196.1	185.0	11.1	5.7	September	166.5	45.6	32.7	495.26	41.9	11.82
197.6	186.3	11.3	5.7	October	163.0	40.8	27.7	476.74	41.6	11.46
196.2	184.0	12.2	6.2	November	167.3	45.4	32.3	490.18	41.4	11.84
INA	INA	INA	INA	December	167.9	45.4	32.3	491.64	41.7	11.79

INA – information not available



Nonagricultural Wage and Salary Employment[a]

Canton MSA

	Employment (in thousands)			Change[d] (in thousands)	
	December 1989[b]	November 1989[c]	December 1988[c]	From Last Month	From Last Year
Total	167.9	167.3	163.0	.6	4.9
Manufacturing	45.4	45.4	45.7	.0	-.3
Durable Goods[e]	33.5	33.5	33.8	.0	-.3
Primary metal industries	11.3	11.3	11.4	.0	-.1
Fabricated metal products	6.4	6.4	6.6	.0	-.2
Metal forgings and stampings	2.3	2.3	2.2	.0	.1
Nondurable Goods[f]	11.9	11.9	11.9	.0	.0
Food and kindred products	3.5	3.4	3.3	.1	.2
Rubber and misc. plastics products	2.9	2.9	3.0	-.1	-.1
Nonmanufacturing[g]	122.5	121.9	117.4	.7	5.2
Construction	7.1	7.4	6.4	-.3	.7
Transportation and Public Utilities	6.2	6.2	6.0	.0	.2
Communication, electric, gas services	2.7	2.7	2.8	.0	.0
Wholesale Trade	8.2	8.1	8.1	.1	.1
Wholesale trade-durable goods	4.4	4.4	4.5	.0	.0
Retail Trade	34.8	34.2	33.4	.6	1.4
General merchandise stores	4.6	4.4	4.6	.1	.0
Food stores	5.9	5.8	5.7	.1	.2
Finance, Insurance, and Real Estate	6.4	6.4	6.3	.0	.1
Banking	1.9	1.9	1.8	.0	.1
Services	39.2	39.3	37.0	-.1	2.2
Health services	15.6	15.6	15.3	.0	.3
Government	19.6	19.3	19.3	.3	.4
State government (includes education)	1.7	1.7	1.7	.0	-.1
Local government	16.6	16.4	16.1	.2	.5
Local government education	10.1	10.0	9.9	.1	.2
Local government, except education	6.5	6.3	6.2	.1	.3

Hours and Earnings of Production or Nonsupervisory Workers[a]

Canton MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]
Manufacturing	$491.64	$490.18	$499.23	41.7	41.4	43.0	$11.79	$11.84	$11.61
Durable Goods[e]	521.52	520.78	534.49	42.4	42.1	44.1	12.30	12.37	12.12
Primary metal industries	589.11	588.12	594.69	43.8	43.5	45.5	13.45	13.52	13.07
Fabricated metal products	483.60	487.99	522.71	40.3	40.7	44.6	12.00	11.99	11.72
Metal forgings and stampings	542.87	538.39	597.06	39.8	39.5	42.8	13.64	13.63	13.95
Nondurable Goods[f]	398.56	395.14	390.25	39.5	39.2	39.7	10.09	10.08	9.83
Food and kindred products	426.13	411.95	395.18	39.9	38.5	39.4	10.68	10.70	10.03
Rubber and misc. plastics products	403.38	398.13	389.70	41.5	41.3	40.3	9.72	9.64	9.67
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	593.46	586.04	563.18	40.9	40.5	40.4	14.51	14.47	13.94
Wholesale Trade	379.55	369.08	387.22	38.3	37.7	38.0	9.91	9.79	10.19
Retail Trade[h]	174.82	170.08	164.64	28.8	28.3	29.4	6.07	6.01	5.60

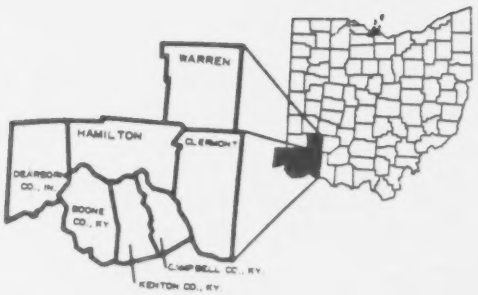
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile mill products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Canton MSA

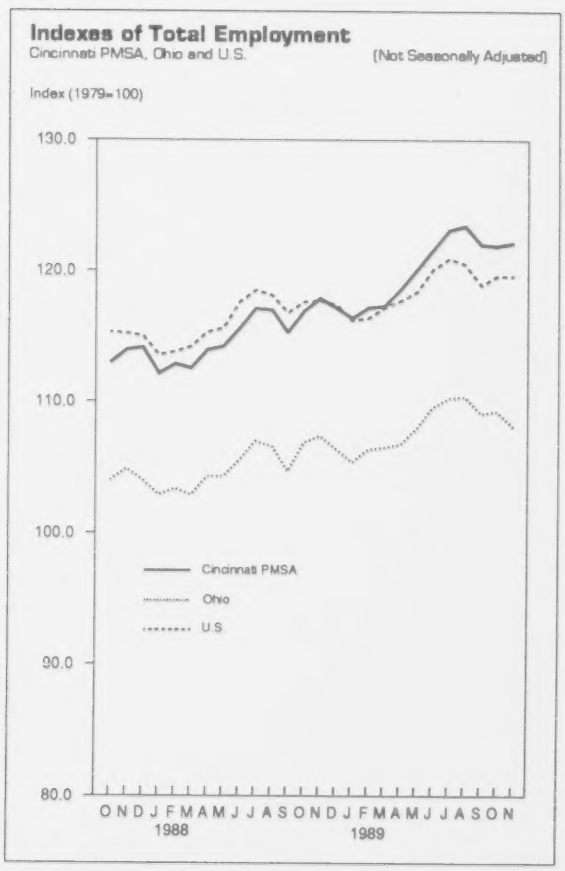
	December 1989	November 1989	December 1988
Employment Service Program			
New Applicants	1,109	962	1,256
Active File of Job Seekers	6,877	7,457	10,951
Referrals to Jobs	352	440	569
Placements	24	146	101
Job Openings Received	119	138	241
Job Openings Unfilled	180	256	1,588
Unemployment Insurance Program			
Initial Claims	4,933	4,069	2,610
Continued Claims	17,765	14,163	12,311
First Payments	1,749	978	1,173
Last Payments	189	197	155
Weeks Compensated	14,515	11,235	10,658
Benefits Paid	$2,384,090	$1,799,668	$1,511,078
Average Weekly Payment	$179.77	$174.65	$146.17

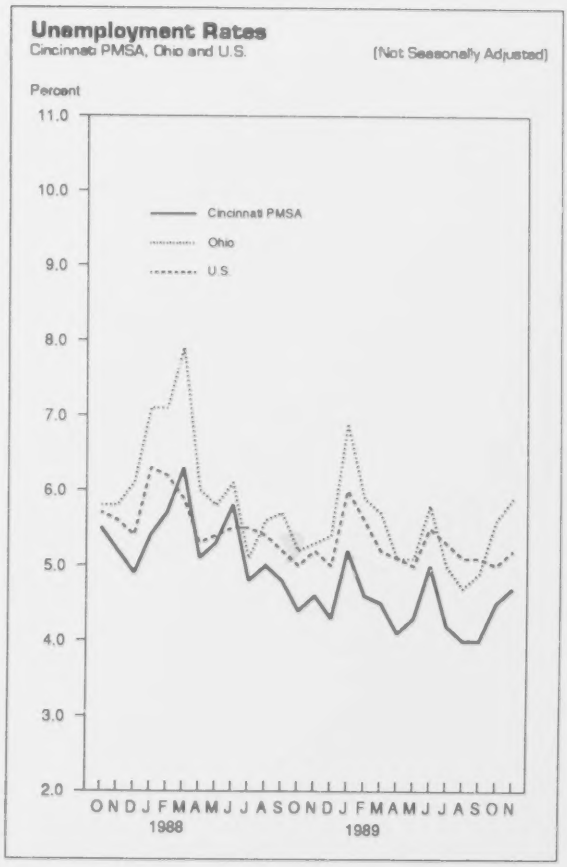
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural payroll employment in the Cincinnati metropolitan area totaled 754,400 in December 1989, increasing 3,900 above the November level. Seasonal hirings in retail trade, especially general merchandise stores, and more business in services more than offset a decline in construction. Manufacturing employment, at 150,100, gained 200 over the month due to marginal improvements among producers of nondurable goods. Factory production workers averaged $11.57 per hour, $.08 lower than November. Their average workweek of 43.2 hours was .4 hours shorter.

Nonfarm wage and salary employment advanced 35,800 between December 1988 and December 1989. Primary growth sectors were services and retail trade. Noteworthy expansion also occurred in construction, transportation and public utilities, local government, and wholesale trade. Manufacturing employment increased 3,500 during the period. Moderate improvements were recorded in chemicals and allied products, nonelectrical machinery, electric and electronic equipment, transportation equipment, and food and kindred products.





Cincinnati PMSA Labor Force and Employment Data

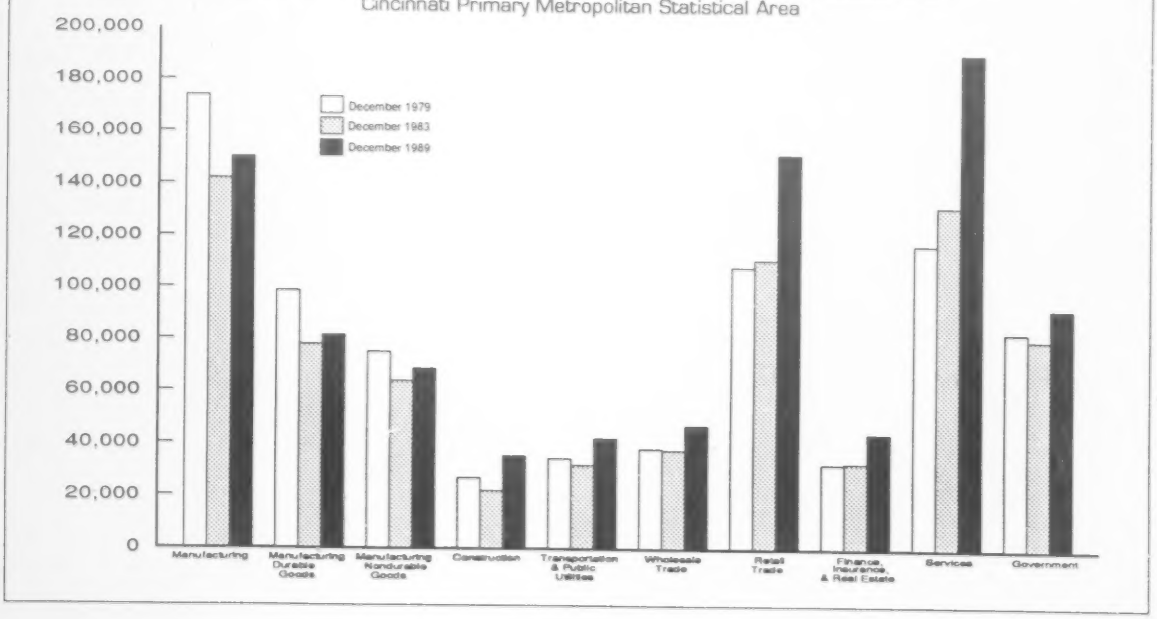
(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
648.3	615.8	32.5	5.0	1978	591.2	169.2	116.4	$286.70	42.1	$ 6.81
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.8	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
684.3	612.4	71.9	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
695.9	638.4	57.5	8.3	1984	600.8	145.0	96.5	441.41	41.8	10.56
710.6	659.1	51.5	7.3	1985	628.1	147.1	96.8	441.74	41.4	10.67
727.8	680.7	47.2	6.5	1986	650.8	147.7	95.5	453.00	42.1	10.76
744.2	700.2	44.0	5.9	1987	677.7	146.0	93.4	467.57	42.7	10.95
762.7	723.7	39.0	5.1	1988	700.2	144.5	91.7	473.88	42.5	11.15
				1988						
776.3	740.8	35.5	4.6	November	720.5	146.3	92.6	487.46	43.1	11.31
768.8	736.1	32.7	4.3	December	718.6	146.6	92.6	492.86	43.5	11.33
				1989						
771.2	730.9	40.3	5.2	January	703.5	145.4	91.8	487.92	42.8	11.40
771.5	736.3	35.3	4.6	February	704.3	145.1	91.7	493.21	43.0	11.47
772.0	736.9	35.1	4.5	March	711.1	145.1	91.6	487.05	42.5	11.46
776.6	744.9	31.7	4.1	April	722.3	145.8	91.9	491.34	42.8	11.48
788.8	754.5	34.3	4.3	May	730.7	146.5	92.4	483.65	42.5	11.38
803.5	763.7	39.8	5.0	June	734.8	147.4	92.9	496.08	43.1	11.51
807.8	773.5	34.3	4.2	July	733.8	147.5	92.7	481.08	42.2	11.40
806.8	774.8	32.0	4.0	August	736.7	148.5	93.5	500.69	43.2	11.59
798.2	766.2	32.0	4.0	September	744.5	149.6	94.5	501.85	43.3	11.59
801.6	765.6	36.0	4.5	October	745.6	149.5	94.7	502.71	43.3	11.61
804.4	766.9	37.5	4.7	November	750.4	149.9	94.9	507.94	43.6	11.65
INA	INA	INA	INA	December	754.4	150.1	95.2	499.82	43.2	11.57

INA – information not available

Employment in Manufacturing and Nonmanufacturing Industries

Cincinnati Primary Metropolitan Statistical Area



Nonagricultural Wage and Salary Employment[a]

Cincinnati PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	December 1989[b]	November 1989[c]	December 1988[c]	From Last Month	From Last Year
Total	754.4	750.4	718.6	3.9	35.8
Manufacturing	150.1	149.9	146.6	.2	3.5
Durable Goods[e]	81.5	81.5	79.4	.0	2.1
Fabricated metal products	10.8	10.9	11.0	-.1	-.2
Fabricated structural metal products	3.8	3.8	3.9	.0	-.1
Machinery, except electrical	21.7	21.7	21.2	.0	.5
Metalworking machinery	8.7	8.7	8.7	.0	.0
General industrial machinery	3.1	3.1	3.1	.0	.0
Electric and electronic equipment	9.3	9.3	8.8	.0	.5
Transportation equipment	24.4	24.3	23.9	.1	.5
Motor vehicles and equipment	5.0	5.0	5.1	.0	-.1
Nondurable Goods[f]	68.6	68.4	67.1	.2	1.5
Food and kindred products	13.7	13.6	13.2	.1	.5
Beverages	3.4	3.4	3.5	.0	-.1
Apparel and other textile products	3.7	3.7	3.5	.1	.2
Paper and allied products	6.3	6.3	6.1	.0	.2
Printing and publishing	13.8	13.7	13.6	.1	.2
Commercial printing	6.4	6.4	6.2	.0	.2
Chemicals and allied products	22.8	22.8	22.3	.1	.6
Rubber and misc. plastics products	6.1	6.3	6.2	-.1	-.1
Nonmanufacturing[g]	604.3	600.6	572.0	3.7	32.3
Construction	35.3	36.7	32.6	-1.4	2.7
Transportation and Public Utilities	42.2	42.1	39.6	.1	2.6
Trucking and warehousing	12.2	12.2	11.4	.0	.9
Communication, electric, gas services	16.1	16.1	15.4	.0	.7
Wholesale Trade	47.1	46.9	45.5	.3	1.7
Wholesale trade-durable goods	27.5	27.4	26.7	.1	.8
Retail Trade	151.7	148.8	143.6	2.9	8.1
General merchandise stores	23.6	22.3	22.8	1.3	.8
Finance, Insurance, and Real Estate	44.2	44.0	43.0	.2	1.2
Banking	9.5	9.5	9.2	.1	.3
Insurance carriers	14.6	14.5	14.5	.1	.0
Services	190.8	189.8	177.2	.9	13.6
Hotels and other lodging places	7.8	7.8	7.3	.0	.5
Personal services	10.0	9.9	9.1	.1	.9
Business services	48.9	48.6	44.8	.3	4.1
Amusement and recreation services	10.6	10.0	7.0	.5	3.5
Health services	56.4	56.2	54.5	.3	1.9
Hospitals	27.0	26.9	26.1	.1	.9
Government	92.4	91.7	90.0	.7	2.4
Federal government	15.6	15.2	15.6	.4	.0
State government	21.5	21.5	20.7	-.1	.8
State government education[h]	13.3	13.4	12.9	-.1	.4
State government, except education	8.1	8.1	7.8	.0	.3
Local government	55.3	55.0	53.7	.3	1.6
Local government education	31.6	31.2	30.9	.4	.6
Local government, except education	23.7	23.8	22.8	-.1	1.0

Hours and Earnings of Production or Nonsupervisory Workers[a]

Cincinnati PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]
Manufacturing	$499.82	$507.94	$492.86	43.2	43.6	43.5	$11.57	$11.65	$11.33
Durable Goods[e]	489.72	510.95	497.39	43.3	44.2	43.9	11.31	11.56	11.33
Fabricated metal products	429.90	426.38	450.66	43.6	43.2	44.4	9.86	9.87	10.15
Fabricated structural metal products	476.71	483.21	509.03	45.1	45.5	46.7	10.57	10.62	10.90
Machinery, except electrical	452.60	444.32	435.37	42.9	42.6	42.6	10.55	10.43	10.22
Metalworking machinery	510.60	498.08	483.04	44.4	43.5	43.4	11.50	11.45	11.13
General industrial machinery	440.54	423.12	441.32	41.6	41.0	44.0	10.59	10.32	10.03
Electric and electronic equipment	386.32	377.57	379.26	41.9	41.4	42.0	9.22	9.12	9.03
Transportation equipment	728.16	843.48	761.43	44.7	49.5	47.5	16.29	17.04	16.03
Motor vehicles and equipment	886.83	938.79	906.24	48.7	51.3	51.2	18.21	18.30	17.70
Nondurable Goods[f]	508.26	503.65	488.75	43.0	42.9	43.1	11.82	11.74	11.34
Food and kindred products	502.98	515.37	503.76	43.1	44.2	42.8	11.67	11.66	11.77
Beverages	571.97	561.08	512.94	43.2	42.7	41.2	13.24	13.14	12.45
Apparel and other textile products	267.81	248.84	237.40	40.7	38.7	39.5	6.58	6.43	6.01
Paper and allied products	466.34	476.72	451.53	43.3	44.1	43.5	10.77	10.81	10.38
Printing and publishing	511.70	503.29	473.52	43.0	42.4	41.5	11.90	11.87	11.41
Commercial printing	540.45	523.41	517.36	45.0	43.8	44.6	12.01	11.95	11.60
Chemicals and allied products	617.48	595.35	577.26	43.7	42.8	43.6	14.13	13.91	13.24
Rubber and misc. plastics products	401.53	413.17	444.13	42.4	43.4	46.8	9.47	9.52	9.49
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	579.22	583.20	572.02	39.7	40.0	40.8	14.59	14.58	14.02
Wholesale Trade	417.78	419.09	416.07	39.6	39.8	41.4	10.55	10.53	10.05
Retail Trade[h]	174.82	171.60	171.69	28.8	28.6	29.5	6.07	6.00	5.82
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Banking	268.78	270.36	262.76	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

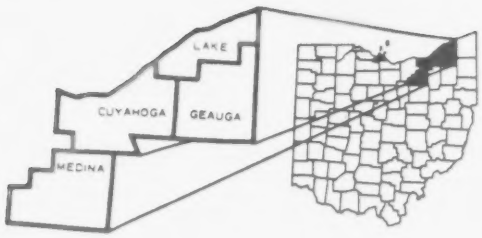
Selected Administrative Program Activities[a]

Cincinnati PMSA

	December 1989	November 1989	December 1988
Employment Service Program			
New Applicants	2,063	2,553	2,528
Active File of Job Seekers	11,607	13,078	17,360
Referrals to Jobs	1,276	1,621	1,374
Placements	303	233	305
Job Openings Received	469	936	522
Job Openings Unfilled	1,570	2,092	1,667
Unemployment Insurance Program			
Initial Claims	5,803	4,156	4,914
Continued Claims	29,922	27,058	30,596
First Payments	2,094	1,608	2,485
Last Payments	443	487	515
Weeks Compensated	24,979	23,033	26,292
Benefits Paid	$3,931,819	$3,594,330	$3,912,244
Average Weekly Payment	$163.53	$164.11	$152.80

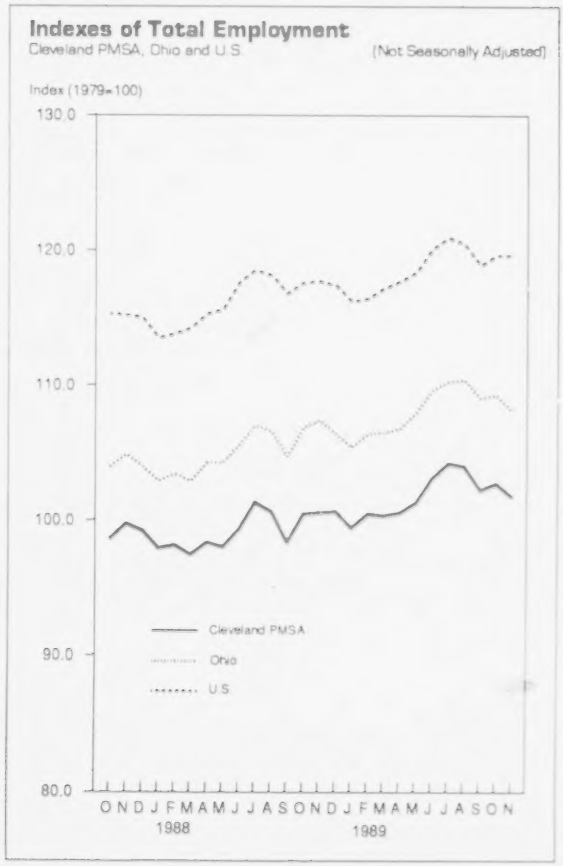
[a] Ohio data only

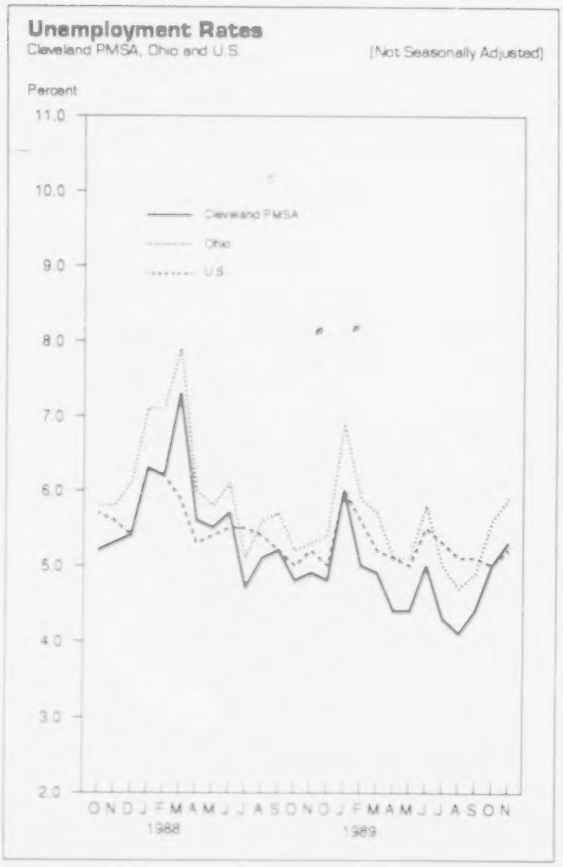
CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



Total nonfarm payroll employment in the Cleveland metropolitan area rose 4,100 above the November level to 945,100 in December 1989. More business in retail trade, especially general merchandise stores, overshadowed a seasonal decline in construction. Manufacturing employment increased 400 to 205,100. Marginal growth in fabricated metal products, transportation equipment, and rubber and miscellaneous plastics products more than offset decreases in nonelectrical machinery and chemicals and allied products. Factory production workers averaged $12.08 per hour, $.05 higher than November. Their average workweek was .1 hours shorter at 42.8 hours.

Nonagricultural wage and salary employment advanced 20,700 between December 1988 and December 1989. The leading growth industries were services and retail trade. Marked expansion also occurred in finance, insurance, and real estate, local government, wholesale trade, and construction. The manufacturing workforce lost 300 jobs during the period due to reductions in transportation equipment, primary metal industries, and apparel and other textile products. Employment in printing and publishing, instruments and related products, and chemicals and allied products increased.





Cleveland PMSA Labor Force and Employment Data

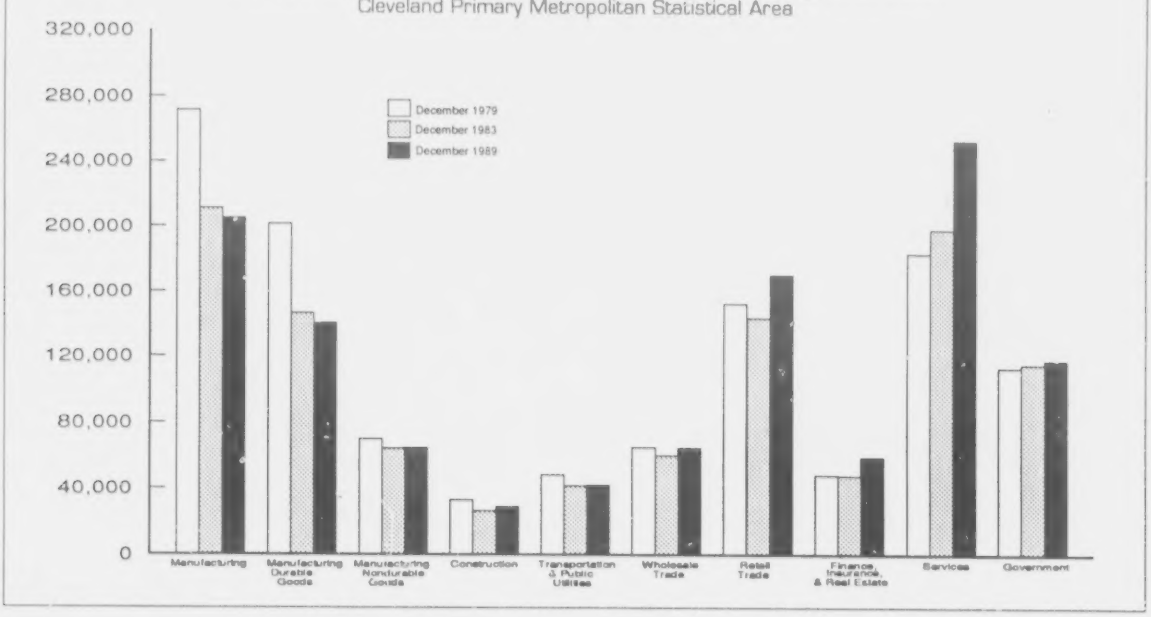
(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	$321.75	42.9	$7.50
935.8	889.1	46.7	5.0	1979	919.8	276.3	188.6	337.60	42.2	8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.6	841.0	82.6	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
926.0	849.2	76.8	8.3	1985	868.7	211.2	135.1	467.74	41.8	11.19
932.8	862.7	70.1	7.5	1986	879.2	204.9	131.5	481.62	42.1	11.44
927.0	869.0	58.0	6.3	1987	891.6	200.6	128.3	496.35	42.9	11.57
933.7	882.3	51.4	5.5	1988	904.6	201.7	130.1	512.67	43.3	11.84
				1988						
939.4	893.8	45.6	4.9	November	926.2	204.5	133.0	528.12	43.9	12.03
939.6	894.4	45.2	4.8	December	924.5	205.4	133.7	538.25	44.3	12.15
				1989						
940.3	883.9	56.4	6.0	January	902.1	204.4	132.7	527.90	43.7	12.08
939.7	892.4	47.3	5.0	February	902.8	204.7	132.5	520.80	43.4	12.00
938.3	892.2	46.1	4.9	March	909.3	204.9	132.7	522.44	43.5	12.01
934.6	893.2	41.4	4.4	April	917.2	204.9	132.6	519.17	43.3	11.99
942.2	900.4	41.8	4.4	May	926.9	204.8	131.9	514.71	43.0	11.97
964.9	916.3	48.6	5.0	June	934.5	205.0	131.7	517.44	43.3	11.95
967.2	926.0	41.2	4.3	July	933.6	202.7	129.6	491.99	41.8	11.77
964.5	924.6	39.9	4.1	August	931.6	203.5	130.1	500.91	42.2	11.87
950.6	908.9	41.7	4.4	September	935.7	204.4	131.3	521.42	43.2	12.07
961.0	912.8	48.2	5.0	October	939.1	204.3	131.5	512.83	42.7	12.01
954.3	903.8	50.5	5.3	November	941.1	204.7	132.0	516.09	42.9	12.03
INA	INA	INA	INA	December	945.1	205.1	132.2	517.02	42.8	12.08

INA – information not available

Employment in Manufacturing and Nonmanufacturing Industries

Cleveland Primary Metropolitan Statistical Area



Nonagricultural Wage and Salary Employment[a]

Cleveland PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	December 1989[b]	November 1989[c]	December 1988[c]	From Last Month	From Last Year
Total	945.1	941.1	924.5	4.1	20.7
Manufacturing	205.1	204.7	205.4	.4	-.3
Durable Goods[e]	140.4	140.0	141.0	.3	-.6
Primary metal industries	21.5	21.6	21.8	.0	-.3
Iron and steel foundries	4.4	4.4	4.7	.0	-.3
Fabricated metal products	32.6	32.4	32.7	.2	-.1
Fabricated structural metal products	4.0	3.9	3.9	.1	.0
Screw machine products, bolts, etc.	4.8	4.8	4.9	.0	-.1
Metal forgings and stampings	10.9	10.9	11.2	.1	-.3
Machinery, except electrical	30.5	30.7	30.6	-.2	-.1
Construction and related machinery	2.6	2.6	2.6	.0	.0
Metalworking machinery	10.5	10.5	10.1	-.1	.3
Special industry machinery	2.6	2.6	2.6	-.1	-.1
General industrial machinery	3.3	3.3	3.3	.0	.0
Electric and electronic equipment	17.9	17.8	17.9	.1	.0
Electrical industrial apparatus	6.6	6.6	6.5	.0	.1
Transportation equipment	19.4	19.1	20.2	.2	-.8
Motor vehicles and equipment	12.6	12.4	12.9	.2	-.3
Instruments and related products	6.5	6.5	6.4	.0	.1
Measuring and controlling devices	4.6	4.6	4.4	.0	.2
Nondurable Goods[f]	64.7	64.6	64.4	.1	.3
Food and kindred products	6.7	6.7	6.8	.0	.0
Apparel and other textile products	3.4	3.4	3.6	.0	-.2
Paper and allied products	5.8	5.9	6.0	.0	-.1
Printing and publishing	16.3	16.3	16.0	.0	.3
Chemicals and allied products	15.2	15.3	15.1	-.1	.1
Rubber and misc. plastics products	11.7	11.5	11.7	.2	.0
Nonmanufacturing[g]	740.1	736.4	719.1	3.7	21.0
Construction	28.9	30.5	27.8	-1.6	1.1
Transportation and Public Utilities	42.4	42.1	42.4	.3	-.1
Trucking and warehousing	13.2	12.9	12.8	.3	.4
Communication, electric, gas services	17.2	17.1	17.6	.0	-.4
Wholesale Trade	65.1	64.9	63.9	.3	1.2
Wholesale trade-durable goods	45.1	45.0	44.3	.1	.8
Retail Trade	170.8	166.6	166.0	4.2	4.8
General merchandise stores	23.8	22.6	23.5	1.1	.3
Finance, Insurance, and Real Estate	59.5	59.4	57.8	.1	1.8
Banking	14.6	14.6	14.2	.0	.4
Credit agencies other than banks	9.0	8.9	8.8	.1	.2
Insurance carriers	14.7	14.7	14.4	.0	.3
Services	253.6	253.6	243.1	.0	10.5
Business services	59.9	59.7	56.4	.3	3.5
Amusement and recreation services	6.8	7.1	6.4	-.3	.3
Health services	79.8	79.6	78.1	.2	1.7
Hospitals	43.9	44.0	43.9	.0	.0
Government	118.6	118.2	117.0	.4	1.6
Federal government	20.9	20.6	21.2	.3	-.3
State government	8.4	7.9	8.6	.5	-.3
State government education[f]	3.4	2.9	3.6	.4	-.2
State government, except education	5.0	4.9	5.1	.1	.0
Local government	89.4	89.8	87.2	-.4	2.2
Local government education	45.4	45.8	44.2	-.4	1.2
Local government, except education	43.9	44.0	42.9	.0	1.0

Hours and Earnings of Production or Nonsupervisory Workers[a]

Cleveland PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]
Manufacturing	$517.02	$516.09	$538.25	42.8	42.9	44.3	$12.08	$12.03	$12.15
Durable Goods[e]	546.36	545.44	577.03	43.5	43.6	45.4	12.56	12.51	12.71
Primary metal industries	539.18	535.05	608.62	43.8	43.5	47.4	12.31	12.30	12.84
Iron and steel foundries	762.08	824.72	982.03	44.0	47.1	53.4	17.32	17.51	18.39
Fabricated metal products	526.15	545.49	587.61	42.5	43.5	45.8	12.38	12.54	12.83
Fabricated structural metal products	437.47	445.44	427.65	43.1	43.5	42.3	10.15	10.24	10.11
Screw machine products, bolts, etc.	501.08	518.28	589.36	42.5	43.7	47.3	11.79	11.86	12.46
Metal forgings and stampings	648.66	687.93	768.42	43.1	44.7	49.1	15.05	15.39	15.65
Machinery, except electrical	538.30	526.69	552.80	43.8	43.6	45.2	12.29	12.08	12.23
Construction and related machinery	396.74	431.83	417.19	41.5	44.2	44.1	9.56	9.77	9.46
Metalworking machinery	496.29	498.50	501.12	42.6	42.9	43.5	11.65	11.62	11.52
Special industry machinery	492.24	506.32	506.20	42.0	42.8	43.6	11.72	11.83	11.61
General industrial machinery	497.37	495.94	548.42	43.1	43.2	47.4	11.54	11.48	11.57
Electric and electronic equipment	481.07	477.39	466.57	42.8	42.7	42.3	11.24	11.18	11.03
Electrical industrial apparatus	574.12	571.34	545.71	46.3	46.3	45.1	12.40	12.34	12.10
Transportation equipment	738.12	724.14	766.23	45.2	44.7	47.8	16.33	16.20	16.03
Motor vehicles and equipment	819.77	805.35	859.17	45.9	45.5	48.9	17.86	17.70	17.57
Instruments and related products	432.73	423.07	420.58	42.3	41.6	42.1	10.23	10.17	9.99
Measuring and controlling devices	483.76	473.06	460.10	44.3	43.6	43.0	10.92	10.85	10.70
Nondurable Goods[f]	440.90	441.83	439.25	40.9	41.1	41.4	10.78	10.75	10.61
Food and kindred products	479.79	452.38	449.10	42.8	41.2	43.1	11.21	10.98	10.42
Apparel and other textile products	353.02	354.09	339.89	39.4	39.3	39.8	8.96	9.01	8.54
Paper and allied products	484.61	474.99	488.49	43.0	42.6	42.7	11.27	11.15	11.44
Printing and publishing	408.84	423.22	423.55	37.1	38.3	38.4	11.02	11.05	11.03
Chemicals and allied products	537.20	535.50	523.98	42.5	42.5	42.6	12.64	12.60	12.30
Rubber and misc. plastics products	380.28	380.84	386.44	42.3	42.6	42.7	8.99	8.94	9.05
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	620.88	621.71	594.28	41.2	41.2	40.9	15.07	15.09	14.53
Wholesale Trade	454.17	451.88	435.91	39.7	39.5	39.7	11.44	11.44	10.98
Retail Trade[h]	187.42	187.68	190.19	27.4	27.2	28.6	6.84	6.90	6.65
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Banking	300.44	298.88	305.76	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	353.00	351.83	345.98	30.3	30.2	31.8	11.65	11.65	10.88

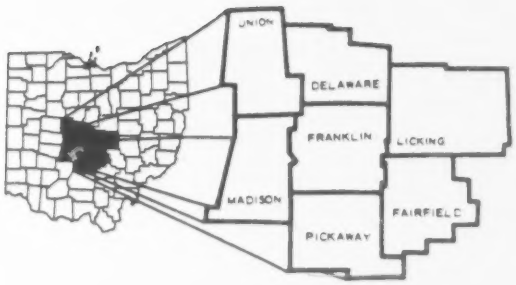
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Cleveland PMSA

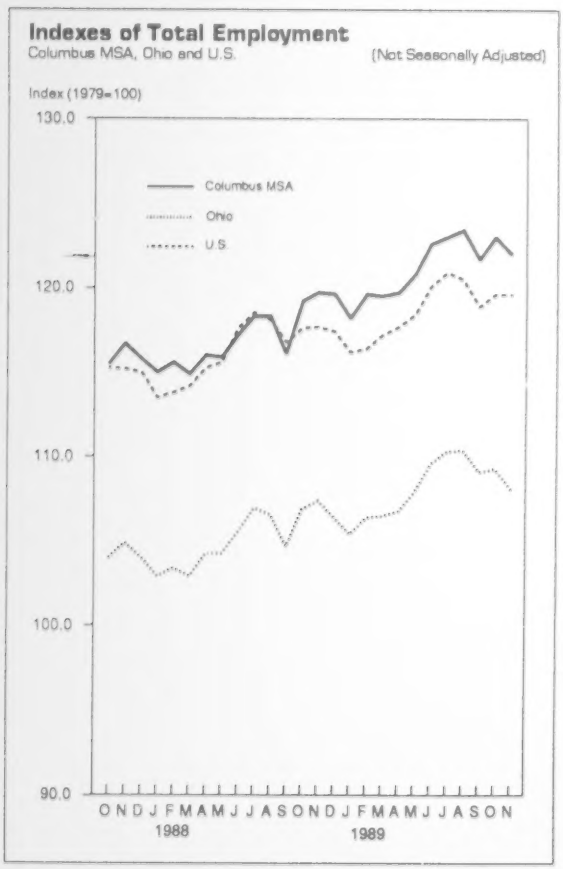
	December 1989	November 1989	December 1988
Employment Service Program			
New Applicants	3,584	4,008	4,092
Active File of Job Seekers	21,800	24,069	53,156
Referrals to Jobs	1,207	2,081	1,380
Placements	174	315	363
Job Openings Received	475	944	917
Job Openings Unfilled	2,519	3,363	3,240
Unemployment Insurance Program			
Initial Claims	10,719	7,469	10,108
Continued Claims	55,141	46,372	54,538
First Payments	4,270	2,735	4,910
Last Payments	879	790	808
Weeks Compensated	45,062	37,250	44,866
Benefits Paid	$7,484,521	$6,059,562	$6,833,160
Average Weekly Payment	$171.34	$168.80	$157.12

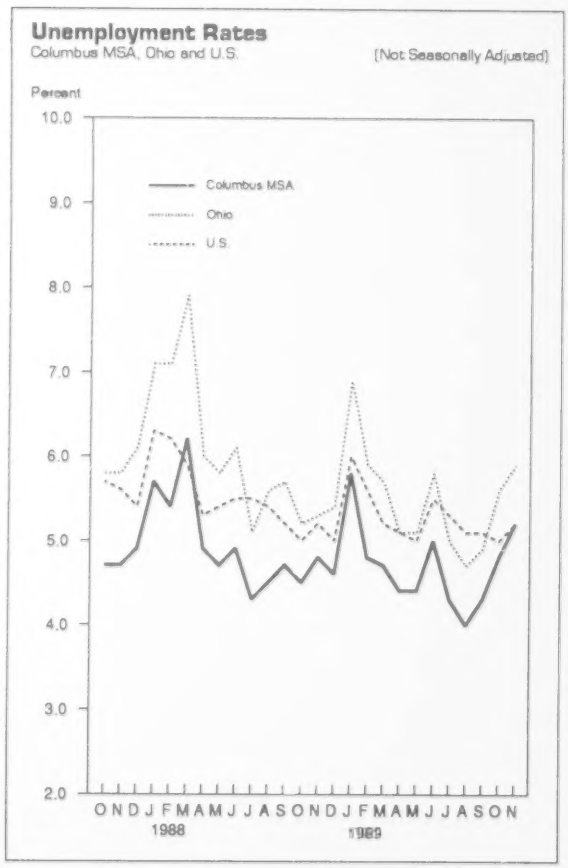
COLUMBUS METROPOLITAN STATISTICAL AREA



Nonagricultural payroll employment in the Columbus metropolitan area rose 2,700 above the November level to 721,000 in December 1989. Nonmanufacturing employment increased 3,000. Seasonal hirings in retail trade outweighed a seasonal decrease in construction. Scattered declines in durable-goods industries, especially electric and electronic equipment, lowered manufacturing employment 200 over the month to 103,600. Factory production workers averaged $12.26 per hour, up fractionally from November. Their average workweek was .1 hours longer at 42.5 hours.

Nonfarm wage and salary employment advanced 22,500 between December 1988 and December 1989. Primary growth sectors were services (+8,700) and retail trade (+7,200). Significant improvements also occurred in construction, finance, insurance, and real estate, wholesale trade, and transportation and public utilities. Manufacturing employment declined 400 during the period. Reductions in nonelectrical machinery and electric and electronic equipment negated gains in transportation equipment and printing and publishing.





Columbus MSA Labor Force and Employment Data

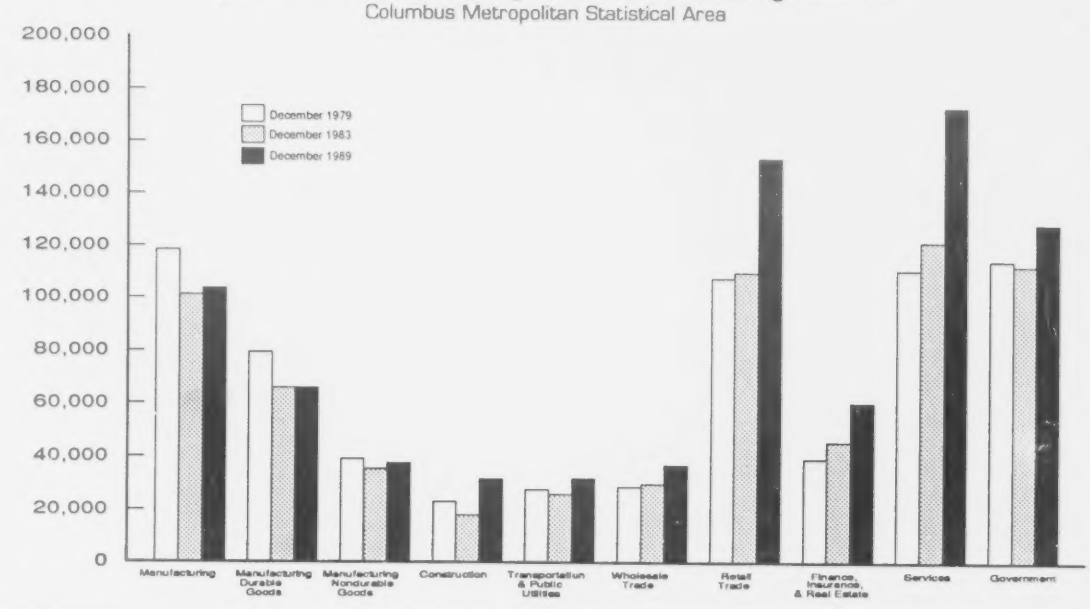
(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.5	584.3	49.2	7.8	1984	576.4	104.7	69.3	$426.06	40.5	$10.52
649.4	605.6	43.8	6.7	1985	603.6	106.1	70.8	442.95	40.9	10.83
676.2	634.9	41.3	6.1	1986	630.7	105.8	70.4	461.14	41.1	11.22
694.9	657.2	37.7	5.4	1987	658.0	103.9	68.7	473.52	41.5	11.41
711.5	676.5	35.0	4.9	1988	678.1	102.6	67.9	480.16	41.5	11.57
				1988						
725.5	691.0	34.5	4.8	November	700.0	104.1	69.1	489.39	41.9	11.68
723.8	690.6	33.2	4.6	December	698.6	104.0	68.8	492.74	41.9	11.76
				1989						
724.3	682.6	41.7	5.8	January	681.7	103.2	68.1	486.38	41.5	11.72
725.3	690.5	34.8	4.8	February	683.4	103.2	67.8	491.78	41.5	11.85
724.7	690.3	34.4	4.7	March	688.2	103.0	67.8	493.44	41.5	11.89
722.6	691.0	31.6	4.4	April	695.8	102.9	67.7	494.68	41.5	11.92
729.9	697.7	32.2	4.4	May	701.8	102.9	67.6	492.75	41.2	11.96
745.7	708.2	37.6	5.0	June	705.7	103.1	67.6	491.56	41.1	11.96
742.4	710.4	32.0	4.3	July	699.2	103.2	67.5	496.43	41.3	12.02
742.2	712.8	29.4	4.0	August	701.2	103.4	67.7	495.19	41.3	11.99
734.2	702.7	31.5	4.3	September	707.0	104.3	68.4	503.36	41.6	12.10
746.2	710.5	35.7	4.8	October	714.3	103.4	67.8	511.18	41.9	12.20
743.3	704.6	38.7	5.2	November	718.3	103.8	68.3	518.98	42.4	12.24
INA	INA	INA	INA	December	721.0	103.6	68.0	521.05	42.5	12.26

INA – information not available

Employment in Manufacturing and Nonmanufacturing Industries

Columbus Metropolitan Statistical Area



Nonagricultural Wage and Salary Employment[a]

Columbus MSA

	Employment (in thousands)			Change[d] (in thousands)	
	December 1989[b]	November 1989[c]	December 1988[c]	From Last Month	From Last Year
Total	721.0	718.3	698.6	2.7	22.5
Manufacturing	103.6	103.8	104.0	-.2	-.4
Durable Goods[e]	65.9	66.1	66.0	-.2	-.2
Stone, clay, and glass products	10.1	10.3	10.0	-.1	.1
Glass and glassware, pressed or blown	3.3	3.4	3.2	-.1	.1
Fabricated metal products	9.6	9.5	9.5	.1	.1
Fabricated structural metal products	2.5	2.6	2.5	-.1	-.1
Machinery, except electrical	9.4	9.4	9.7	.0	-.3
Electric and electronic equipment	10.2	10.5	10.5	-.3	-.3
Transportation equipment	13.7	13.6	13.2	.1	.5
Instruments and related products	4.4	4.4	4.2	.0	.2
Nondurable Goods[f]	37.7	37.7	37.9	.0	-.2
Food and kindred products	10.2	10.2	10.3	.0	-.1
Printing and publishing	11.0	11.0	10.7	.0	.3
Chemicals and allied products	6.7	6.7	6.6	.0	.0
Rubber and misc. plastics products	5.6	5.6	5.7	-.1	-.1
Nonmanufacturing[g]	617.5	614.5	594.6	3.0	22.9
Construction	31.6	32.8	29.2	-1.2	2.5
Transportation and Public Utilities	31.9	31.7	30.8	.2	1.1
Trucking and warehousing	14.0	13.8	13.2	.3	.8
Communication, electric, gas services	11.7	11.7	12.0	.0	-.3
Wholesale Trade	37.0	36.8	35.8	.2	1.2
Wholesale trade-durable goods	23.6	23.5	22.9	.1	.7
Retail Trade	153.6	150.9	146.4	2.6	7.2
General merchandise stores	23.0	22.1	22.3	.9	.7
Finance, Insurance, and Real Estate	60.6	60.4	58.8	.2	1.8
Banking	12.0	11.9	11.7	.1	.3
Insurance carriers	23.9	23.9	23.5	.0	.4
Services	173.1	173.9	164.4	-.7	8.7
Business services	42.5	42.3	39.4	.2	3.2
Health services	43.8	43.7	42.2	.1	1.6
Hospitals	20.0	20.0	19.3	.0	.6
Government	128.6	127.0	128.2	1.7	.4
Federal government	15.4	15.1	15.4	.2	.0
State government	57.0	55.8	57.1	1.2	.0
State government education[h]	24.6	23.6	25.4	1.0	-.8
State government, except education	32.4	32.2	31.7	.2	.7
Local government	56.2	56.0	55.8	.2	.4
Local government education	34.2	34.3	33.8	.0	.4
Local government, except education	22.0	21.8	22.0	.2	.0

Hours and Earnings of Production or Nonsupervisory Workers[a]

Columbus MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]
Manufacturing	$521.05	$518.98	$492.74	42.5	42.4	41.9	$12.26	$12.24	$11.76
Durable Goods[e]	524.45	524.03	496.23	42.5	42.5	41.7	12.34	12.33	11.90
Stone, clay, and glass products	506.10	517.52	470.02	42.0	42.7	39.9	12.05	12.12	11.78
Glass and glassware, pressed or blown	453.47	462.68	417.57	41.3	42.1	38.7	10.98	10.99	10.79
Fabricated metal products	514.55	515.41	530.04	41.0	41.2	42.0	12.55	12.51	12.62
Fabricated structural metal products	505.01	481.32	454.30	43.2	42.0	41.3	11.69	11.46	11.00
Machinery, except electrical	484.46	496.65	501.48	42.2	43.3	44.3	11.48	11.47	11.32
Electric and electronic equipment	525.82	504.36	453.26	43.6	42.1	39.9	12.06	11.98	11.36
Transportation equipment	645.81	641.02	586.70	44.6	44.3	42.3	14.48	14.47	13.87
Instruments and related products	406.40	411.83	411.18	40.0	40.1	38.5	10.16	10.27	10.68
Nondurable Goods[f]	513.04	509.72	485.60	42.4	42.3	42.3	12.10	12.05	11.48
Food and kindred products	471.47	460.15	454.76	42.9	42.1	42.7	10.99	10.93	10.65
Printing and publishing	623.33	601.56	579.77	41.5	40.4	40.6	15.02	14.89	14.28
Chemicals and allied products	666.62	674.06	612.39	44.8	45.3	44.7	14.88	14.88	13.70
Rubber and misc. plastics products	380.80	403.62	363.54	41.8	43.4	41.5	9.11	9.30	8.76
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	607.98	608.39	568.81	41.5	41.5	40.6	14.65	14.66	14.01
Wholesale Trade	367.48	367.10	361.54	38.2	38.2	37.7	9.62	9.61	9.59
Retail Trade[h]	199.01	193.29	194.83	28.8	28.3	29.7	6.91	6.83	6.56
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Banking	284.30	285.01	270.27	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	394.91	394.34	352.17	34.4	34.5	33.7	11.48	11.43	10.45

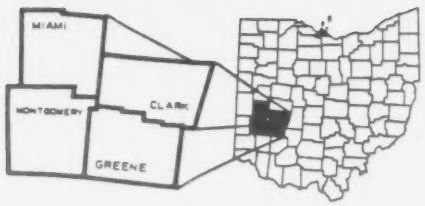
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Columbus MSA

	December 1989	November 1989	December 1988
Employment Service Program			
New Applicants	3,250	3,861	5,057
Active File of Job Seekers	18,233	20,757	26,829
Referrals to Jobs	1,391	1,894	1,483
Placements	334	404	562
Job Openings Received	741	1,427	891
Job Openings Unfilled	2,367	3,230	1,640
Unemployment Insurance Program			
Initial Claims	7,887	4,585	6,009
Continued Claims	37,365	31,712	36,959
First Payments	2,777	2,061	3,258
Last Payments	463	466	481
Weeks Compensated	30,099	27,146	31,714
Benefits Paid	$4,951,351	$4,451,061	$4,970,309
Average Weekly Payment	$171.89	$171.50	$162.38

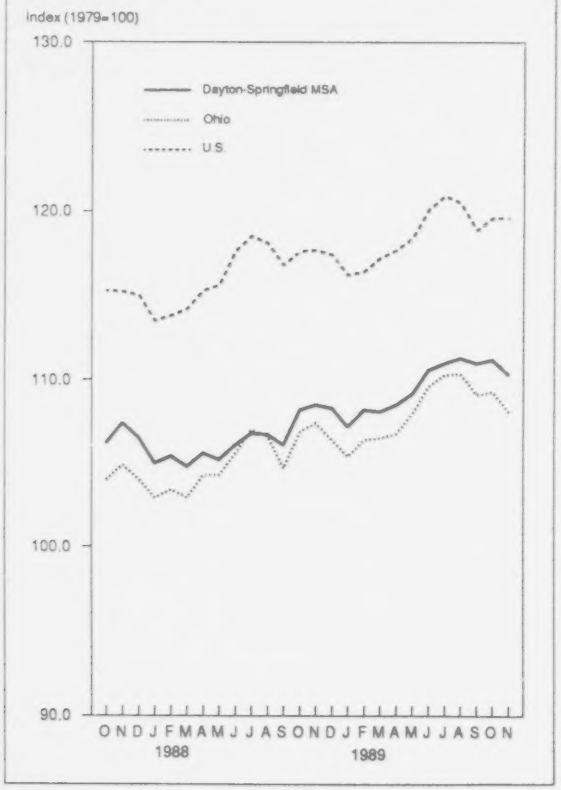
DAYTON - SPRINGFIELD METROPOLITAN STATISTICAL AREA



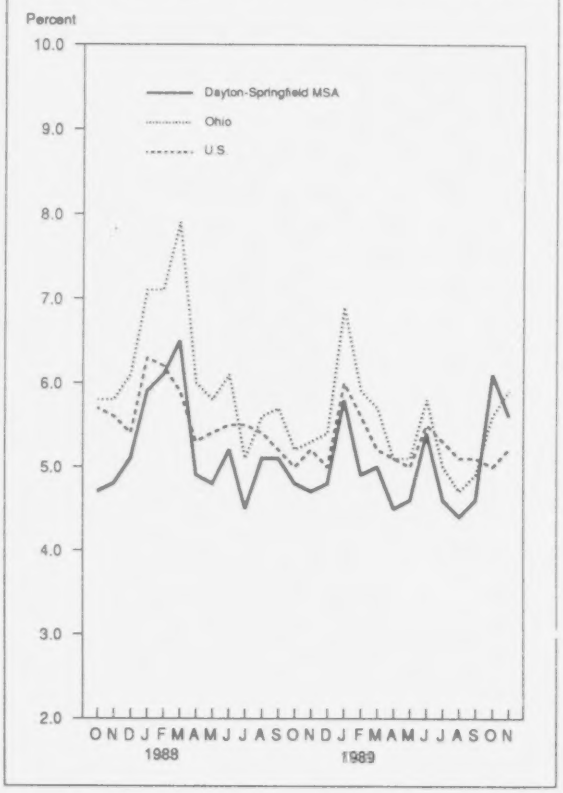
In the Dayton-Springfield metropolitan area, nonfarm payroll employment totaled 461,700 in December 1989, increasing 2,400 above the November level. Manufacturing employment rose 2,000 to 104,100 due to recalls in transportation equipment during the reference week. Marginal declines were posted in nonelectrical machinery, electric and electronic equipment, and food and kindred products. More business in retail trade offset seasonal declines in construction and services as nonmanufacturing employment increased 300 over the month. Factory production workers averaged $13.03 per hour, up $.08 from November. Their average workweek of 42.5 hours was .2 hours shorter.

Nonagricultural wage and salary employment advanced 13,500 between December 1988 and December 1989. Leading growth industries were services, especially business and health services, retail trade, and government. Noteworthy improvements also occurred in construction and transportation and public utilities. Manufacturing employment declined 1,400 during the period due to significant reductions in nonelectrical machinery and rubber and miscellaneous plastics products.

Indexes of Total Employment
Dayton-Springfield MSA, Ohio and U.S. (Not Seasonally Adjusted)



Unemployment Rates
Dayton-Springfield MSA, Ohio and U.S. (Not Seasonally Adjusted)

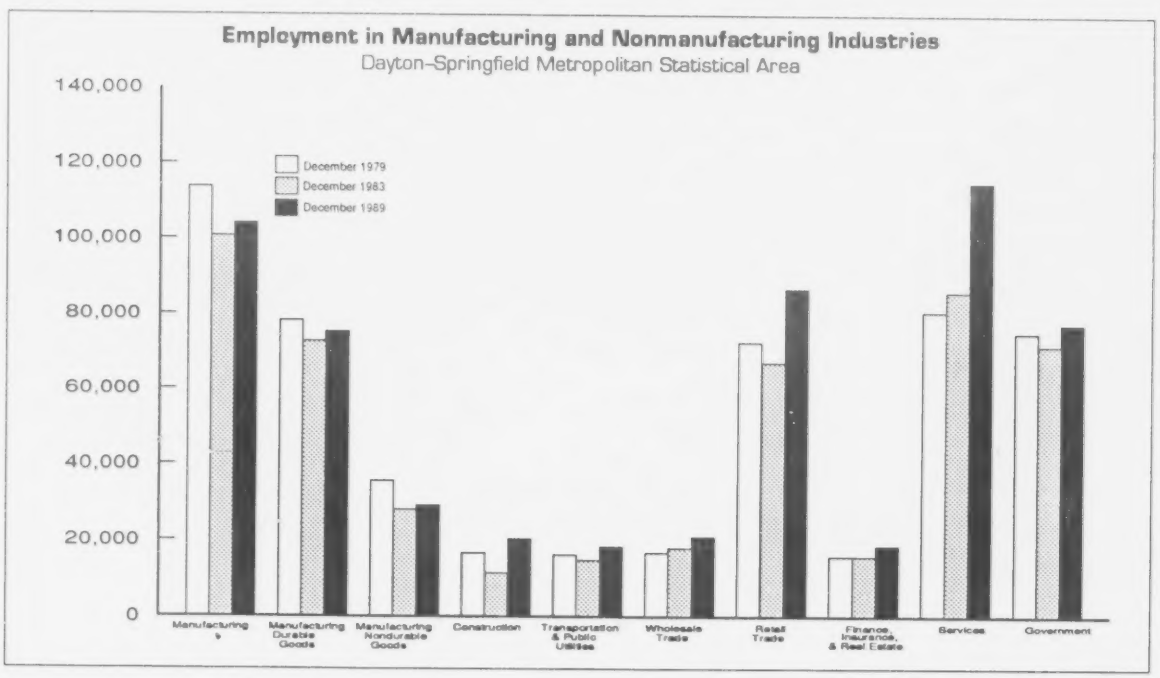


Dayton-Springfield MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.1	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.99	42.9	$11.21
450.4	418.1	32.4	7.2	1985	408.9	106.3	69.1	517.10	43.2	11.97
460.5	430.1	30.3	6.6	1986	419.4	105.7	68.2	514.88	42.8	12.03
463.8	437.7	26.2	5.6	1987	429.8	104.3	67.1	499.38	42.0	11.89
469.0	444.6	24.4	5.2	1988	436.7	104.5	67.2	546.41	43.4	12.59
				1988						
475.8	453.5	22.3	4.7	November	450.3	105.3	68.2	580.69	44.6	13.02
475.2	452.5	22.7	4.8	December	448.2	105.5	68.3	574.98	44.4	12.95
				1989						
475.4	447.9	27.5	5.8	January	438.2	104.9	67.7	576.83	44.1	13.08
475.7	452.3	23.4	4.9	February	438.6	104.7	67.5	565.93	43.6	12.98
475.7	451.9	23.8	5.0	March	441.3	104.9	67.6	563.77	43.3	13.02
475.2	453.7	21.5	4.5	April	447.4	104.8	67.6	555.13	43.1	12.88
478.6	456.4	22.2	4.6	May	449.7	104.6	67.3	555.56	43.1	12.89
489.0	462.5	26.5	5.4	June	451.3	105.0	67.5	554.70	43.1	12.87
486.7	464.1	22.6	4.6	July	447.2	103.8	65.9	540.18	42.4	12.74
486.5	465.3	21.2	4.4	August	448.2	104.2	66.2	531.70	41.8	12.72
486.2	464.1	22.1	4.6	September	457.2	104.5	66.7	554.25	42.7	12.98
495.2	464.9	30.3	6.1	October	457.4	101.4	64.4	549.97	42.6	12.91
488.4	461.1	27.3	5.6	November	459.3	102.0	64.8	552.97	42.7	12.95
INA	INA	INA	INA	December	461.7	104.1	66.8	553.78	42.5	13.03

INA – information not available



Nonagricultural Wage and Salary Employment[a]

Dayton-Springfield MSA

	Employment (in thousands)			Change[d] (in thousands)	
	December 1989[b]	November 1989[c]	December 1988[c]	From Last Month	From Last Year
Total	461.7	459.3	448.2	2.4	13.5
Manufacturing	104.1	102.0	105.5	2.0	-1.4
Durable Goods[e]	75.0	73.0	76.1	2.1	-1.1
Fabricated metal products	8.3	8.3	8.4	.0	-.1
Machinery, except electrical	30.2	30.3	31.2	-.1	-1.0
Metalworking machinery	6.6	6.6	6.7	.0	-.1
General industrial machinery	2.9	2.9	2.8	.0	.0
Electric and electronic equipment	5.6	5.7	5.8	-.1	-.2
Electrical industrial apparatus	3.1	3.2	3.3	.0	-.1
Transportation equipment	21.0	18.8	21.0	2.3	.0
Nondurable Goods[f]	29.0	29.1	29.3	-.1	-.3
Food and kindred products	3.1	3.2	3.1	-.1	.0
Paper and allied products	5.7	5.7	5.9	.0	-.2
Printing and publishing	9.0	9.0	8.9	.0	.1
Rubber and misc. plastics products	7.3	7.3	7.9	.0	-.6
Nonmanufacturing[g]	357.6	357.3	342.8	.3	14.9
Construction	20.3	21.2	18.8	-.9	1.5
Transportation and Public Utilities	18.3	18.1	17.3	.2	1.0
Communication, electric, gas services	5.2	5.2	5.5	.0	-.3
Wholesale Trade	21.0	20.8	20.2	.1	.8
Wholesale trade-durable goods	14.3	14.2	13.8	.1	.5
Retail Trade	86.6	84.9	84.0	1.7	2.6
General merchandise stores	13.8	12.9	13.2	.9	.6
Finance, Insurance, and Real Estate	18.6	18.6	18.2	.0	.5
Banking	4.2	4.1	4.2	.0	.0
Credit agencies other than banks	4.8	4.8	4.7	.0	.1
Insurance carriers	3.2	3.1	3.0	.0	.2
Services	115.0	115.8	109.2	-.7	5.8
Business services	28.7	28.8	26.6	-.1	2.1
Health services	38.8	38.8	37.3	.0	1.4
Hospitals	19.8	19.8	19.3	.0	.5
Educational services	9.0	9.6	9.0	-.6	.0
Government	77.4	77.5	74.8	-.1	2.5
Federal government	28.8	28.7	27.6	.1	1.2
State government	7.4	7.3	7.3	.1	.1
State government education[h]	4.5	4.5	4.4	.1	.1
State government, except education	2.9	2.8	2.9	.0	.0
Local government	41.2	41.5	39.9	-.3	1.3
Local government education	26.0	26.2	25.0	-.2	1.1
Local government, except education	15.2	15.2	15.0	-.1	.2

Hours and Earnings of Production or Nonsupervisory Workers[a]

Dayton-Springfield MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]
Manufacturing	$553.78	$552.97	$574.98	42.5	42.7	44.4	$13.03	$12.95	$12.95
Durable Goods[e]	570.90	568.43	583.40	42.7	42.9	44.5	13.37	13.25	13.11
Fabricated metal products	402.41	399.34	413.76	41.4	41.0	43.1	9.72	9.74	9.60
Machinery, except electrical	614.31	611.53	607.47	44.1	43.9	45.3	13.93	13.93	13.41
Metalworking machinery	624.39	631.76	602.88	47.7	48.3	48.0	13.09	13.08	12.56
General industrial machinery	588.00	510.03	564.06	49.0	44.7	47.6	12.00	11.41	11.85
Electric and electronic equipment	419.90	409.61	467.16	42.5	41.5	45.8	9.88	9.87	10.20
Electrical industrial apparatus	520.37	523.20	598.89	43.4	43.6	50.2	11.99	12.00	11.93
Transportation equipment	715.46	732.60	747.84	43.1	44.0	45.6	16.60	16.65	16.40
Nondurable Goods[f]	498.37	505.73	547.80	41.6	41.9	44.0	11.98	12.07	12.45
Food and kindred products	380.33	382.08	386.33	42.4	42.5	42.5	8.97	8.99	9.09
Paper and allied products	510.30	506.16	542.16	45.0	44.4	47.6	11.34	11.40	11.39
Printing and publishing	470.37	473.45	460.75	40.1	40.5	40.1	11.73	11.69	11.49
Rubber and misc. plastics products	617.37	649.22	738.89	39.0	40.5	44.7	15.83	16.03	16.53
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	581.98	571.29	548.40	41.6	41.1	40.0	13.99	13.90	13.71
Wholesale Trade	393.96	398.11	408.03	39.2	39.3	40.2	10.05	10.13	10.15
Retail Trade[h]	180.13	175.51	173.75	29.1	28.4	29.4	6.19	6.18	5.91
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	409.13	409.02	359.44	35.3	35.2	34.2	11.59	11.62	10.51

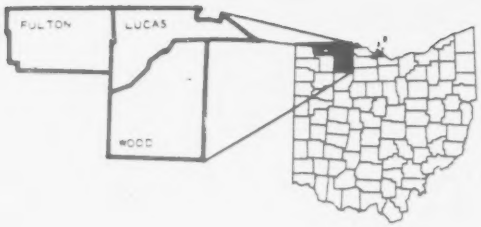
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Dayton-Springfield MSA

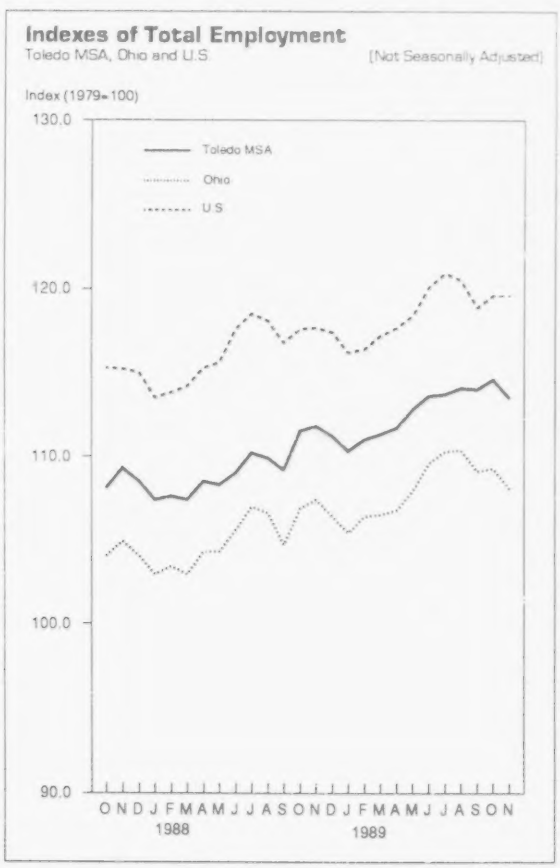
	December 1989	November 1989	December 1988
Employment Service Program			
New Applicants	2,227	2,265	2,313
Active File of Job Seekers	10,782	11,167	10,797
Referrals to Jobs	902	1,364	923
Placements	336	358	261
Job Openings Received	434	492	469
Job Openings Unfilled	1,757	2,378	1,343
Unemployment Insurance Program			
Initial Claims	6,109	7,576	5,376
Continued Claims	26,208	27,285	23,262
First Payments	1,927	3,544	2,074
Last Payments	295	327	320
Weeks Compensated	21,780	23,941	20,043
Benefits Paid	$3,382,022	$4,054,584	$2,846,918
Average Weekly Payment	$163.67	$179.77	$147.30

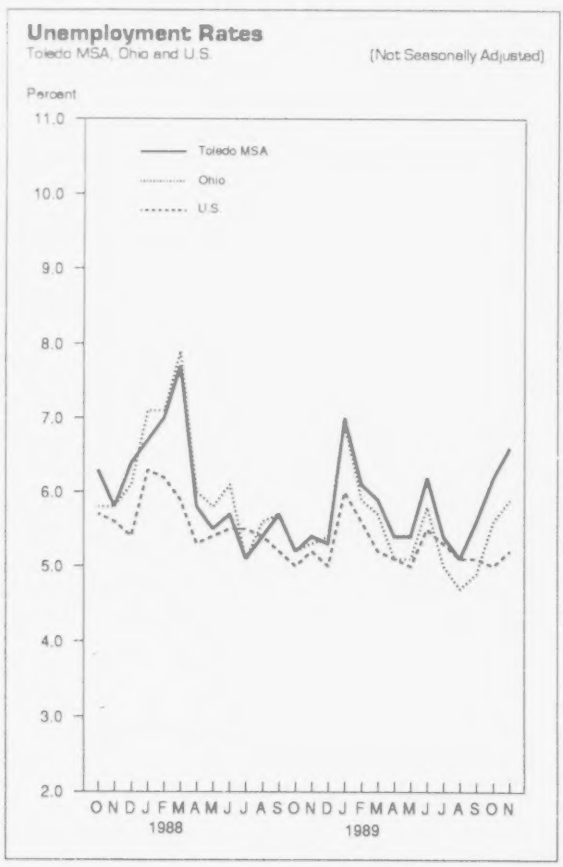
TOLEDO
METROPOLITAN STATISTICAL AREA



Nonagricultural payroll employment in the Toledo metropolitan area totaled 299,600 in December 1989, down 1,200 from the November level. Nonmanufacturing employment declined 800. A temporary layoff of nonteaching personnel in state schools and colleges and a seasonal decrease in construction overshadowed a moderate gain in retail trade. Manufacturing employment dropped 300 to 59,900 due to a labor–management dispute in primary metal industries and less business in food and kindred products. Factory production workers averaged $13.30 per hour, down $.04 from November. Their average workweek increased .3 hours to 44.0 hours.

Nonfarm wage and salary employment advanced 7,300 between December 1988 and December 1989. A major portion of the improvement occurred in services (+4,300), retail trade (+2,900), and construction (+1,200). Reductions in transportation equipment, particularly motor vehicles and equipment, primary metal industries, fabricated metal products, food and kindred products, and nonelectrical machinery lowered manufacturing employment 2,400 during the period.





Toledo MSA Labor Force and Employment Data

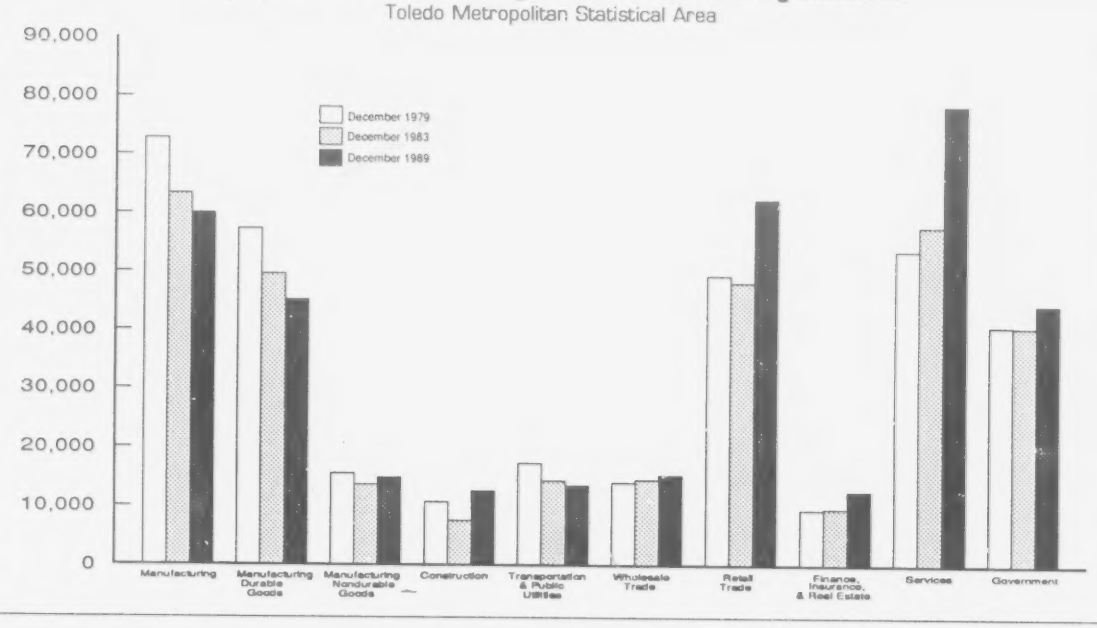
(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
296.5	272.3	24.3	8.2	1985	264.5	65.7	46.2	523.55	42.6	12.29
307.1	281.2	25.8	8.4	1986	272.0	63.4	44.2	527.03	42.4	12.43
307.6	285.1	22.5	7.3	1987	278.0	62.2	43.7	540.60	42.5	12.72
310.3	292.1	18.2	5.9	1988	284.9	62.5	44.8	569.41	43.4	13.12
				1988						
315.6	298.6	17.0	5.4	November	294.5	62.6	44.9	605.69	45.1	13.43
313.6	297.0	16.6	5.3	December	292.4	62.4	44.6	589.19	44.3	13.30
				1989						
317.1	294.8	22.3	7.0	January	286.6	62.0	44.4	576.39	43.6	13.22
315.9	296.5	19.4	6.1	February	285.7	61.7	44.2	598.53	44.7	13.39
316.0	297.3	18.7	5.9	March	288.5	61.4	43.9	598.09	44.6	13.41
315.3	298.4	16.9	5.4	April	292.4	61.3	43.8	561.56	42.9	13.09
318.7	301.5	17.2	5.4	May	295.2	61.4	43.9	584.75	43.9	13.32
323.3	303.5	19.9	6.2	June	294.1	62.0	44.3	572.83	43.2	13.26
321.1	303.7	17.4	5.4	July	290.7	61.1	43.4	566.24	42.8	13.23
321.3	304.8	16.5	5.1	August	291.5	61.6	44.0	576.76	43.3	13.32
322.5	304.5	18.0	5.6	September	298.0	61.3	43.9	565.02	43.0	13.14
326.3	306.1	20.2	6.2	October	299.6	60.0	42.7	577.65	43.4	13.31
324.8	303.4	21.3	6.6	November	300.8	60.3	42.9	582.96	43.7	13.34
INA	INA	INA	INA	December	299.6	59.9	42.5	585.20	44.0	13.30

INA – information not available

Employment in Manufacturing and Nonmanufacturing Industries

Toledo Metropolitan Statistical Area



Nonagricultural Wage and Salary Employment[a]

Toledo MSA

	Employment (in thousands)			Change[d] (in thousands)	
	December 1989[b]	November 1989[c]	December 1988[c]	From Last Month	From Last Year
Total	299.6	300.8	292.4	-1.2	7.3
Manufacturing	59.9	60.3	62.4	-.3	-2.4
Durable Goods[e]	45.1	45.4	47.3	-.3	-2.2
Stone, clay, and glass products	7.4	7.5	7.5	-.1	-.1
Primary metal industries	3.2	3.4	3.7	-.2	-.5
Fabricated metal products	6.9	6.9	7.3	.0	-.4
Metal forgings and stampings	2.6	2.7	2.9	.0	-.3
Machinery, except electrical	5.7	5.7	6.0	.0	-.3
Electric and electronic equipment	2.0	2.1	2.2	-.1	-.2
Transportation equipment	14.8	14.8	15.7	.0	-.9
Motor vehicles and equipment	13.9	13.9	14.8	.0	-.9
Nondurable Goods[f]	14.8	14.8	15.0	.0	-.2
Food and kindred products	3.8	3.9	4.2	-.2	-.4
Rubber and misc. plastics products	3.5	3.5	3.4	.0	.1
Nonmanufacturing[g]	239.7	240.5	230.0	-.8	9.7
Construction	12.5	13.3	11.3	-.7	1.2
Transportation and Public Utilities	13.6	13.5	13.3	.0	.2
Trucking and warehousing	5.9	5.9	5.6	.1	.4
Communication, electric, gas services	4.7	4.7	4.8	.0	.0
Wholesale Trade	15.3	15.4	14.9	-.1	.4
Wholesale trade-durable goods	10.3	10.3	10.0	.0	.3
Retail Trade	62.4	61.0	59.5	1.4	2.9
General merchandise stores	10.1	9.6	9.7	.5	.3
Finance, Insurance, and Real Estate	12.6	12.7	12.5	-.1	.1
Banking	3.7	3.7	3.8	.0	-.1
Services	78.5	78.8	74.3	-.2	4.3
Business services	17.5	17.5	15.9	.1	1.7
Health services	27.7	27.7	27.3	.1	.4
Hospitals	15.1	15.2	15.0	.0	.1
Government	44.4	45.5	43.9	-1.1	.5
State government	16.4	17.6	15.8	-1.1	.6
State government education[i]	12.2	13.4	11.6	-1.2	.5
State government, except education	4.3	4.2	4.2	.1	.1
Local government	25.5	25.4	25.5	.1	.0
Local government education	14.8	14.8	15.1	.0	-.2
Local government, except education	10.6	10.6	10.4	.1	.2

Hours and Earnings of Production or Nonsupervisory Workers[a]

Toledo MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]
Manufacturing	$585.20	$582.96	$589.19	44.0	43.7	44.3	$13.30	$13.34	$13.30
Durable Goods[e]	605.98	597.82	614.21	44.2	43.7	44.8	13.71	13.68	13.71
Stone, clay, and glass products	600.94	599.62	519.62	43.8	43.8	40.5	13.72	13.69	12.83
Primary metal industries	541.46	492.16	514.83	46.2	43.4	45.2	11.72	11.34	11.39
Fabricated metal products	510.92	480.57	555.14	44.7	43.1	46.3	11.43	11.15	11.99
Metal forgings and stampings	650.45	612.41	703.95	42.1	40.8	46.1	15.45	15.01	15.27
Machinery, except electrical	520.99	521.24	537.56	43.2	42.9	44.5	12.06	12.15	12.08
Electric and electronic equipment	514.37	512.74	578.75	42.9	42.8	46.3	11.99	11.98	12.50
Transportation equipment	757.46	763.11	786.78	44.4	44.6	46.5	17.06	17.11	16.92
Motor vehicles and equipment	767.63	773.31	793.60	44.5	44.7	46.6	17.25	17.30	17.03
Nondurable Goods[f]	515.70	532.70	503.96	43.3	43.7	42.6	11.91	12.19	11.83
Food and kindred products	636.01	615.52	619.25	45.3	44.7	45.3	14.04	13.77	13.67
Rubber and misc. plastics products	360.67	371.03	354.90	41.6	42.5	40.7	8.67	8.73	8.72
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	604.09	603.43	586.30	40.9	40.8	41.0	14.77	14.79	14.30
Wholesale Trade	421.37	410.10	389.47	40.4	39.7	39.5	10.43	10.33	9.86
Retail Trade[h]	163.98	160.06	165.02	27.7	26.9	28.9	5.92	5.95	5.71

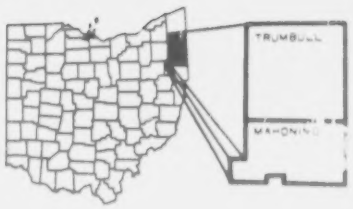
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Toledo MSA

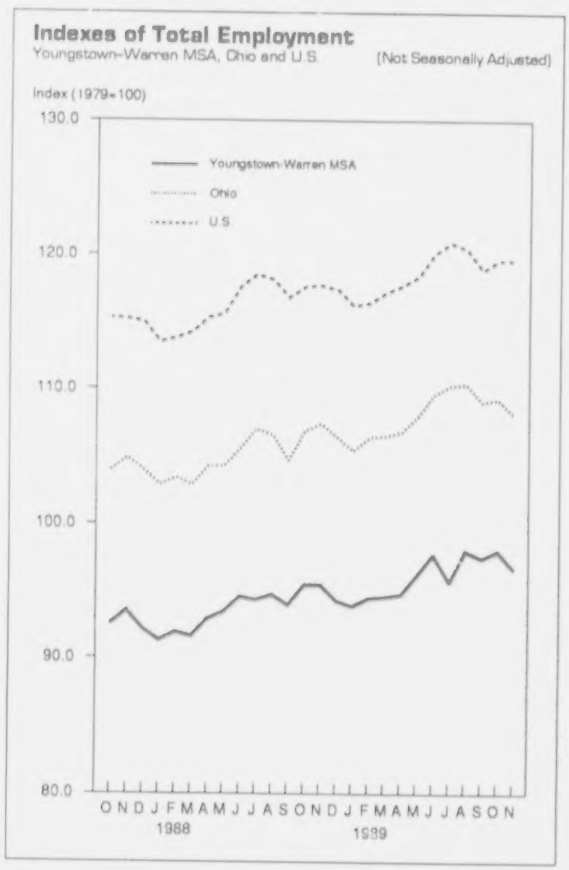
	December 1989	November 1989	December 1988
Employment Service Program			
New Applicants	1,610	1,907	2,046
Active File of Job Seekers	10,619	11,373	16,456
Referrals to Jobs	594	783	1,056
Placements	211	262	401
Job Openings Received	263	330	417
Job Openings Unfilled	669	980	854
Unemployment Insurance Program			
Initial Claims	9,622	7,460	4,108
Continued Claims	29,202	26,198	19,822
First Payments	5,295	1,259	1,724
Last Payments	336	235	261
Weeks Compensated	24,583	18,656	16,925
Benefits Paid	$4,315,126	$3,104,920	$2,523,288
Average Weekly Payment	$188.71	$179.09	$155.48

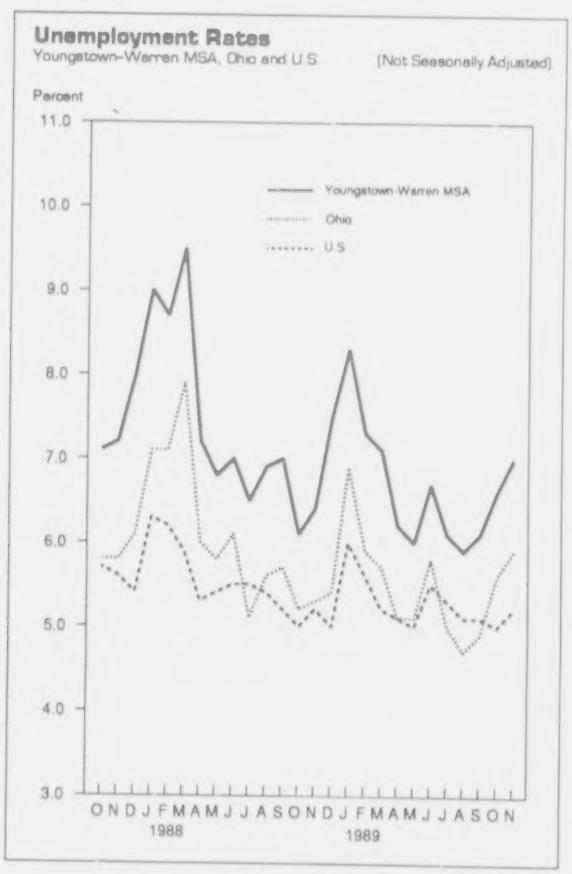
YOUNGSTOWN - WARREN METROPOLITAN STATISTICAL AREA



Nonfarm wage and salary employment in the Youngstown-Warren metropolitan area rose 300 above the November level to 203,000 in December 1989. Modest improvements in retail trade, wholesale trade, and state and local schools and colleges outweighed a seasonal decline in construction. Manufacturing employment decreased 400 over the month to 48,900 due primarily to a reduction in primary metal industries. Factory production workers averaged $14.06 per hour, down $.07 from November. Their average workweek of 42.6 hours was 1.0 hours shorter.

Nonagricultural payroll employment advanced 6,300 between December 1988 and December 1989. The improvement was concentrated in the nonmanufacturing sector. Leading growth industries were services (+3,000) and retail trade (+1,800). Noteworthy gains also occurred in construction and wholesale trade. The manufacturing workforce lost 900 jobs during the period. A significant reduction in primary metal industries was partially offset by an increase in transportation equipment.





Youngstown-Warren MSA Labor Force and Employment Data

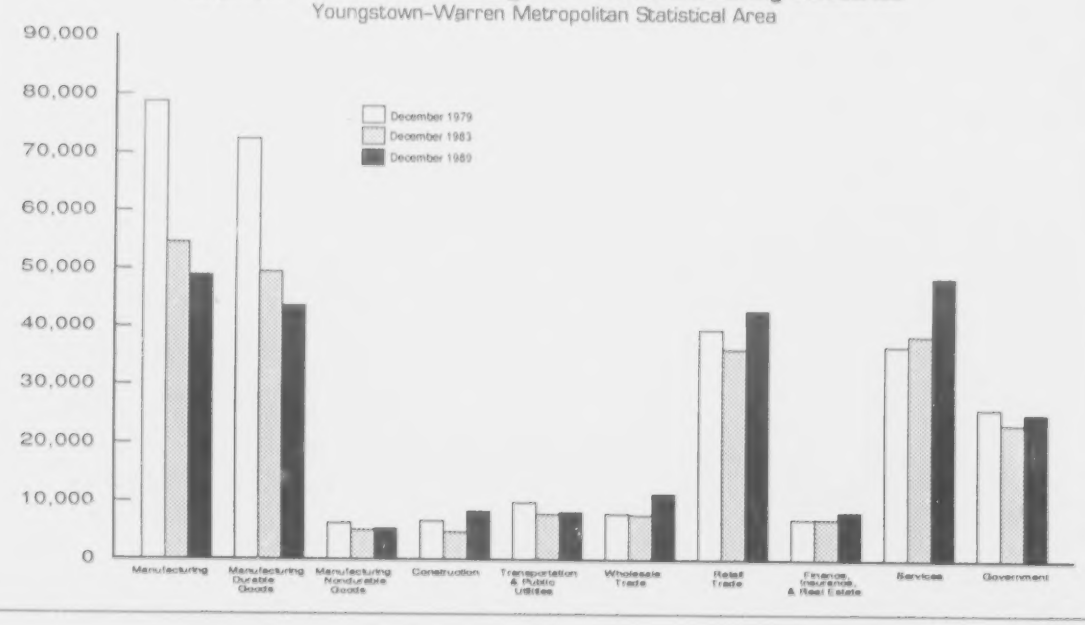
(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	$353.56	41.4	$ 8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.5	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.3	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
221.3	196.3	25.0	11.3	1985	184.2	52.7	39.6	570.64	43.1	13.24
223.7	200.0	23.7	10.6	1986	187.1	51.7	38.7	553.28	41.6	13.30
221.6	200.0	21.6	9.7	1987	188.3	48.9	36.7	567.91	42.7	13.30
222.3	205.9	16.4	7.4	1988	193.9	50.5	38.5	575.95	42.6	13.52
				1988						
224.0	209.7	14.2	6.4	November	199.8	51.9	39.8	593.71	43.4	13.68
224.0	207.1	16.9	7.5	December	196.7	49.8	37.8	594.21	43.5	13.66
				1989						
224.9	206.2	18.7	8.3	January	193.4	51.1	39.0	599.87	43.5	13.79
223.9	207.5	16.3	7.3	February	193.0	50.6	38.6	586.87	42.9	13.68
223.7	207.8	15.9	7.1	March	194.7	50.3	38.3	593.64	43.3	13.71
222.1	208.3	13.8	6.2	April	197.0	50.1	38.2	586.18	42.6	13.76
225.1	211.5	13.6	6.0	May	200.0	50.1	38.1	600.66	43.4	13.84
230.2	214.9	15.3	6.7	June	201.2	50.2	38.2	588.39	42.3	13.91
223.8	210.2	13.6	6.1	July	194.2	44.7	32.7	580.36	42.3	13.72
228.8	215.4	13.4	5.9	August	198.9	48.9	36.8	589.96	42.2	13.98
228.1	214.2	13.9	6.1	September	202.4	49.7	37.7	612.14	43.2	14.17
230.6	215.4	15.1	6.6	October	203.6	49.5	37.5	619.56	43.6	14.21
228.4	212.4	16.0	7.0	November	202.7	49.2	37.2	616.07	43.6	14.13
INA	INA	INA	INA	December	203.0	48.9	36.9	598.96	42.6	14.06

INA – information not available

Employment in Manufacturing and Nonmanufacturing Industries

Youngstown-Warren Metropolitan Statistical Area



Nonagricultural Wage and Salary Employment[a]

Youngstown-Warren MSA

	Employment (in thousands)			Change[d] (in thousands)	
	December 1989[b]	November 1989[c]	December 1988[c]	From Last Month	From Last Year
Total	203.0	202.7	196.7	.3	6.3
Manufacturing	48.9	49.2	49.8	-.4	-.9
Durable Goods[e]	43.6	43.9	44.6	-.3	-.9
Primary metal industries	17.4	17.8	19.5	-.5	-2.2
Blast furnace and basic steel products	5.0	5.0	5.8	.0	-.8
Fabricated metal products	7.4	7.3	7.6	.1	-.2
Machinery, except electrical	3.8	3.8	3.9	.0	-.1
Electric and electronic equipment	2.1	2.2	2.4	-.1	-.3
Transportation equipment	9.6	9.5	8.0	.1	1.7
Nondurable Goods[f]	5.3	5.4	5.3	-.1	.0
Nonmanufacturing[g]	154.2	153.5	146.9	.7	7.2
Construction	8.3	9.0	7.5	-.7	.8
Transportation and Public Utilities	8.2	8.1	7.8	.1	.3
Communication, electric, gas services	2.7	2.7	2.8	.0	-.1
Wholesale Trade	11.4	11.1	10.5	.3	.8
Wholesale trade-durable goods	6.9	6.9	6.7	.0	.2
Retail Trade	43.1	42.2	41.3	.8	1.8
General merchandise stores	5.8	5.5	5.7	.3	.1
Finance, Insurance, and Real Estate	8.3	8.3	8.3	.0	.0
Banking	2.8	2.8	2.8	.0	.0
Services	48.8	48.8	45.7	.0	3.0
Health services	21.4	21.3	20.8	.1	.6
Hospitals	10.9	10.9	10.7	.0	.1
Government	25.4	25.1	25.0	.3	.4
State government	4.6	4.5	4.6	.1	.0
State government education[h]	3.1	3.0	3.1	.1	.0
State government, except education	1.5	1.5	1.5	.0	.0
Local government	18.7	18.6	18.2	.1	.5
Local government education	12.2	12.1	11.9	.1	.3
Local government, except education	6.4	6.4	6.3	.0	.1

Hours and Earnings of Production or Nonsupervisory Workers[a]

Youngstown-Warren MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]	Dec. 1989[b]	Nov. 1989[c]	Dec. 1988[c]
Manufacturing	$598.96	$616.07	$594.21	42.6	43.6	43.5	$14.06	$14.13	$13.66
Durable Goods[e]	614.61	633.92	611.97	42.8	43.9	43.9	14.36	14.44	13.94
Primary metal industries	636.64	660.30	660.74	41.1	42.3	43.7	15.49	15.61	15.12
Blast furnace and basic steel products	645.24	646.20	643.57	45.6	45.7	46.3	14.15	14.14	13.90
Fabricated metal products	608.14	618.27	562.59	44.1	44.9	42.3	13.79	13.77	13.30
Machinery, except electrical	516.60	540.46	512.11	42.8	44.3	44.3	12.07	12.20	11.56
Electric and electronic equipment	466.02	499.48	442.86	40.7	42.8	39.4	11.45	11.67	11.24
Transportation equipment	711.73	726.03	700.63	45.8	46.6	47.5	15.54	15.58	14.75
Nondurable Goods[f]	437.40	438.13	406.36	40.5	41.1	39.3	10.80	10.66	10.34
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	605.90	604.03	559.40	41.5	41.4	40.1	14.60	14.59	13.95
Wholesale Trade	376.32	381.20	377.06	38.4	38.7	39.4	9.80	9.85	9.57
Retail Trade[h]	191.98	183.77	184.83	29.4	28.1	30.3	6.53	6.54	6.10

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Youngstown-Warren MSA

	December 1989	November 1989	December 1988
Employment Service Program			
New Applicants	1,420	1,816	1,415
Active File of Job Seekers	12,144	13,853	14,487
Referrals to Jobs	906	1,209	796
Placements	226	309	238
Job Openings Received	329	507	330
Job Openings Unfilled	409	510	489
Unemployment Insurance Program			
Initial Claims	7,201	4,070	4,565
Continued Claims	22,927	18,255	24,409
First Payments	2,050	1,061	3,251
Last Payments	258	265	241
Weeks Compensated	19,259	15,531	20,312
Benefits Paid	$2,988,029	$2,280,091	$3,199,354
Average Weekly Payment	$164.63	$158.01	$163.98

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force. Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed. Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed. Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection. Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification. Employer establishments classified by industry on basis of their principal product or service. The *Standard Industrial Classification Manual* (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage. Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample and a Measure of Error

Industry Division	Approximate Percentage Covered by Sample	RMSE
Total	42	.2
Manufacturing	57	.3
Nonmanufacturing	38	.2
Mining	52	1.4
Construction	19	1.4
Transportation and Public Utilities	45	.3
Wholesale Trade	22	.4
Retail Trade	21	.4
Finance, Insurance, and Real Estate	43	.3
Services	34	.3
Government	71	.2

Measure of Error. Reliability of nonagricultural wage and salary employment estimates may be affected by inadequate sample and response errors, industry code changes, or changes in the quality of benchmark data. The measure of reliability reported above is the root-mean-square error (RMSE), based on 36-month average differences in trend between final estimates and benchmark data. This experience indicates that monthly changes in total nonagricultural wage and salary employment estimates can be expected to vary no more than .2 percent from the actual change.

Nonagricultural Employment. Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method. Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data. Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1988 benchmark.

Seasonally Adjusted Estimates

Seasonal Adjustment. To facilitate interpretation of underlying economic trends, Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed.

Hours and Earnings

Method of Computing Averages. Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions. Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers. Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers. Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll. Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours. Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

	Ohio		
	December 1989	November 1989	December 1988
New Applicants	27,168	32,748	31,650
Active File of Job Seekers	173,458	188,667	232,223
Counseling Interviews	827	1,029	923
Tests Administered	922	1,152	1,048
General Aptitude Tests	169	138	76
Proficiency Tests	261	242	197
Specific Aptitude Tests	75	98	315
Referrals to Jobs	14,170	20,039	16,946
Placements	2,851	4,163	4,180
Job Openings Received	5,094	8,086	6,861
Job Openings Unfilled	13,794	18,544	17,520

Selected Unemployment Insurance Activities

	Ohio		
	December 1989	November 1989	December 1988
Initial Claims	102,739	75,837	72,994
Continued Claims	416,398	345,699	371,296
First Payments	36,670	25,350	33,917
Last Payments	5,032	4,909	4,984
Average Weekly Claimants	98,619	74,713	84,895
Average Weekly Benefit Recipients	78,983	59,052	69,005
Weeks Compensated	341,684	281,033	315,382
Benefits Paid	$55,533,092	$44,824,543	$47,824,025
Average Weekly Payment	$169.59	$168.20	$157.22
Continued Claims for Survey Week	101,213	78,602	87,702
Insured Unemployment Rate	2.2	1.6	1.9
Net Contributions	$4,649,244	$82,242,707	$5,205,627
Active Employer Accounts	205,964	206,038	201,646

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